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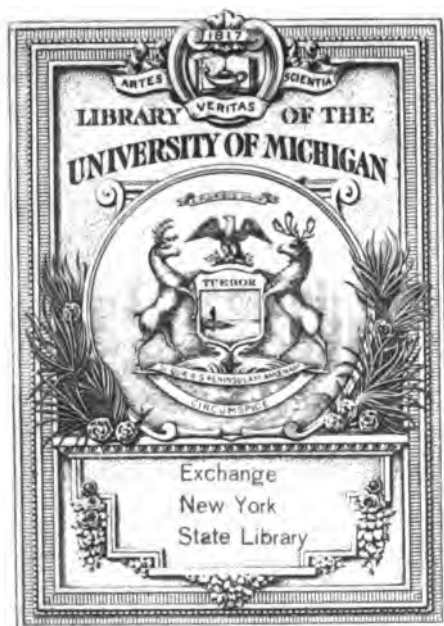
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NEW YORK LEGISLATIVE DOCUMENTS

ONE HUNDRED AND FORTY-SECOND SESSION

1919

VOL. XLII—Nos. 113 TO 114



ALBANY
J. B. LYON COMPANY, PRINTERS
1919

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STATE OF NEW YORK

REPORT

OF THE

State Commissioner of Highways

For the Year Ending December 31, 1918



ALBANY
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1919

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STATE OF NEW YORK

OFFICE OF THE STATE COMMISSIONER OF HIGHWAYS

To the Speaker of the Assembly of the State of New York:

In compliance with Section 15, Chapter 30 of the Laws of 1909, constituting Chapter 25 of the Consolidated Laws, I have the honor to submit herewith the report of Edwin Duffey, as Commissioner of Highways, for the Year 1918.

I. J. MORRIS,

Secretary.

NEW YORK STATE HIGHWAY COMMISSION

1918

EDWIN DUFFY, Commissioner.
IRVING J. MORRIS, Secretary.
H. ELTING BREED, First Deputy Commissioner.
FRED W. SARR, Second Deputy Commissioner.
BENJAMIN J. RICE, Third Deputy Commissioner.
SEPRINE D. GILBERT, Auditor.

MAIN OFFICE

EDMUND A. BONNEY, Supervising Engineer.
JOSEPH CURRAN, Chief of Maintenance.
JESSE C. PATRICK, Superintendent of Maintenance, Eastern Division.
FRANK W. BRISTOW, Superintendent of Maintenance, Western Division.
FRANK W. PENNOCK, Assistant Secretary.
JAMES T. TAAFFE, Secretary to the Commissioner.
MARK W. NELSON, Assistant to the First Deputy.
RAOUL W. BAKER, Secretary to the Second Deputy.
FRED BUCK, Assistant to the Third Deputy.
HARRY P. CONDON, Chief Clerk.
W. E. CONKLIN, Confidential Inspector.
A. W. SMITH, Confidential Inspector.
R. O. HOLLENBECK, Confidential Inspector.
H. W. COWLBECK, Appointment Clerk.
FRANK A. HERMANS, Engineer of Grade Crossings.
E. E. BRANDOW, Engineer of Bridges.

FRANK W. BURLEIGH, in charge of Bureau Tests.
H. S. MATTIMORE, in charge of Physical Testing of Materials.
JOSEPH E. MYERS, in charge of Chemical Testing of Materials.
E. M. TREFETHEN, in charge of Drafting Department.
W. A. TREADAELL, in charge of Statistics, Costs, Etc.
J. B. RYDER, Plans and Resolutions.

DIVISION ENGINEERS

DIVISION NO. 1.—JAMES H. STURDEVANT, Columbus Institute, 11 Washington Street, Poughkeepsie.
Columbia, Dutchess, Greene, Nassau, Orange, Putnam, Rockland, Suffolk, Ulster, and Westchester counties.
DIVISION NO. 2.—HARVEY O. SCHERMERHORN, Lyon Building, 1 Daniel Street, Albany.
Albany, Clinton, Essex, Rensselaer, Saratoga, Schenectady, Warren and Washington counties.

6 ANNUAL REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

DIVISION No. 3.— C. C. CASSELL (Acting), Cleveland Building, Watertown.

Franklin, Jefferson, Lewis and St. Lawrence counties.

DIVISION No. 4.— ROY F. HALL, Chamber of Commerce Building, Utica.

■ Fulton, Hamilton, Herkimer, Madison, Montgomery and Oneida counties.

DIVISION No. 5.— HOWARD E. SMITH, 901 Press Building, Binghamton.

■ Broome, Chenango, Delaware, Otsego, Schoharie and Sullivan counties.

DIVISION No. 6.— L. D. BROWNELL, 433 South Salina Street, Syracuse.

■ Cayuga, Cortland, Onondaga, Oswego, Seneca and Wayne counties.

DIVISION No. 7.— PERRY FILKIN, 423 Cutler Building, Rochester.

■ Genesee, Livingston, Monroe, Ontario, Orleans and Wyoming counties.

DIVISION No. 8.— CHARLES M. EDWARDS, St. Ann Federation Building, Hornell.

Allegany, Chemung, Schuyler, Steuben, Tioga, Tompkins and Yates counties.

DIVISION No. 9.— CHARLES J. McDONOUGH, Wilson Building, Buffalo.

Cattaraugus, Chautauqua, Erie and Niagara counties.

COUNTY SUPERINTENDENTS OF HIGHWAYS

| COUNTY | NAME AND ADDRESS |
|-------------------|---------------------------------------|
| Albany..... | E. J. Bedell, Delmar. |
| Alleghany..... | Harry Craig, Canaseraga. |
| Broome..... | Charles Van Amberg, Binghamton. |
| Cattaraugus..... | Alexander Bird, Ellicottville. |
| Cayuga..... | J. C. Dayton, Auburn. |
| Chautauqua..... | W. J. Knauer, Jamestown. |
| Chemung..... | Harry T. Gage, Van Etten. |
| Chenango..... | E. B. Pendleton, Norwich. |
| Clinton..... | Richard T. Mace, Keeseville. |
| Columbia..... | Lester J. Bashford, Hollowville. |
| Cortland..... | Dwight B. Coleman, Cortland. |
| Delaware..... | A. L. Van Tassle, Treadwell. |
| Dutchess..... | C. R. Cornwell, Poughkeepsie. |
| Erie..... | George C. Diehl, Buffalo. |
| Essex..... | Clinton H. Simonds, Elizabethtown. |
| Franklin..... | H. A. Gray, Malone. |
| Fulton..... | J. A. Karg, Johnstown. |
| Genesee..... | W. M. Torrance, Batavia. |
| Greene..... | H. S. Olmstead, Cairo. |
| Hamilton..... | Edgar Call, Lake Pleasant. |
| Herkimer..... | Will H. Corey, Herkimer. |
| Jefferson..... | Henry S. Ball, Watertown. |
| Lewis..... | Clarence E. Putnam, Croghan. |
| Livingston..... | George E. Schaefer, Genesee. |
| Madison..... | George S. Tibbits, Oneida. |
| Monroe..... | J. Y. McClintock, Rochester. |
| Montgomery..... | Irving Lathers, Fonda. |
| Nassau..... | W. Fred Starks, Glen Cove. |
| Niagara..... | Thomas M. Brennen, Niagara Falls. |
| Oneida..... | Arthur O'Brien, Utica. |
| Onondaga..... | Frank E. Bogardus, Syracuse. |
| Ontario..... | George W. Powell, Canandaigua. |
| Orange..... | C. H. Smith, Middletown. |
| Orleans..... | Harry D. Waldo, Albion. |
| Oswego..... | Elbert A. Howard, Oswego. |
| Otsego..... | Samuel R. Lewis, Otsego. |
| Putnam..... | Richard Mitchell, Brewster. |
| Rensselaer..... | Charles A. Roemer, Court House, Troy. |
| Rockland..... | Calvin J. Allison, Stony Point. |
| St. Lawrence..... | W. F. Willson, Louisvile. |
| Saratoga..... | John E. Hodgman, Saratoga. |
| Schenectady..... | Harry W. Cregier, Schenectady. |

8 ANNUAL REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

| COUNTY | NAME AND ADDRESS |
|------------------|-------------------------------------|
| Schoharie..... | Van E. Lawyer, Cobleskill. |
| Schuyler..... | James P. Frost, Watkins. |
| Seneca..... | Fred A. Potter, Ovid. |
| Steuben..... | Charles E. Bower, Corning. |
| Suffolk..... | A. O. Smith, Port Jefferson. |
| Sullivan..... | Monroe H. Wright, Livingston Manor. |
| Tioga..... | William O. Lay, Owego. |
| Tompkins..... | F. C. Evans, Ithaca. |
| Ulster..... | James F. Loughran, Kingston. |
| Warren..... | Bertram E. Murray, Warrensburg. |
| Washington..... | O. C. Richards, Hudson Falls. |
| Wayne..... | W. G. Sisson, Lyons. |
| Westchester..... | Charles McDonald, White Plains. |
| Wyoming..... | Robert Holmes, Jr., Castile. |
| Yates..... | Matthew McEvoy, Penn Yan. |

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REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

ALBANY, N. Y., *January 1, 1919*

To the Honorable, the Legislature of the State of New York:

I have the honor to present the annual report of this Department for the year ending December 31, 1918.

All of the first \$50,000,000 bond issue has been appropriated by the Legislature, and the unexpended balance is obligated by existing contracts or expedited routes.

Of the second \$50,000,000 bond issue authorized by the referendum of 1912, there has been appropriated by the Legislature \$35,000,000, leaving \$15,000,000 as yet unappropriated.

No contracts for new construction were awarded during the year 1918.

| | | |
|--|--------------|--------------|
| On January 1, 1918, there were contracts | <i>Miles</i> | <i>Miles</i> |
| in force aggregating..... | ..... | 1,111 |
| Contracts awarded during 1918..... | ..... | 000 |
| | | <hr/> |
| Total under contract during 1918.. | ..... | 1,111 |
| Contracts completed and accepted during | | |
| 1918 | 269 | ..... |
| Contracts completed during 1918 but not | | |
| in time for acceptance..... | 94 | 363 |
| | <hr/> | <hr/> |
| Leaving under contract January 1, 1919. | | 748 |
| | | <hr/> <hr/> |

| | | |
|---|-------|-------------|
| On the contracts in force Jan. 1, 1919, | | |
| aggregating 748 miles certain work has | | |
| been performed as follows ..... | ..... | 748 |
| Prior to January 1, 1918 | 238 | ..... |
| During 1918 | 41 | 279 |
| Leaving on January 1, 1919, actual | | |
| work to be performed under con- | | |
| tracts in force..... | ..... | 469 |
| | | <hr/> <hr/> |

| | | |
|---|-------|---------|
| Total State and county systems of highways | | *12,330 |
| Highways completed on January 1, 1918 | 6,872 | |
| Roads taken over for maintenance.. | 40 | ..... |
| Contracts completed and accepted during 1918 | 269 | ..... |
| Contracts completed but not accepted January 1, 1919..... | 94 | ..... |
| Highways under contract January 1, 1919 | 748 | 8,023 |
| | | <hr/> |
| Balance of State and county systems | | 4,307 |
| | | <hr/> |

* The total mileage of state and county systems of highways has previously been estimated as 11,988. Accurate measurements as completed from time to time will slightly vary this total.

CONSTRUCTION

The activities of no other branch of the State service have been so affected by the war as those of the State Department of Highways, owing to its great requirements for labor, material and transportation facilities in the normal conduct of its numerous contracts for construction and maintenance in all sections of the State.

During 1916 it became apparent to the Department that, even though the United States remained at peace, the difficult conditions as to these necessities, both with regard to price and availability, would continue throughout the period of the European war, and that it would be unwise to attempt to proceed upon the extensive scale of previous years. With this policy in view, the aggregate amount of contracts awarded during 1916 was only about \$5,000,000, or one-half the amount appropriated by the Legislature for 1916 work; and in the January 1, 1917, Annual Report of the Department to the Legislature the following recommendation was made:

"The demand of the citizens of this State for the speedy completion of its system of improved roads is urgent, and is warranted; and it is to the interest of the State that contractors be enabled to keep their

organizations of plant, equipment and men, which involve the investment of a large amount of capital, as continuously employed as possible; and therefore occasional lettings are advisable in order that contractors who have finished, or are about to finish, work now in hand, may secure new contracts upon which they can commence operations and thus maintain their organizations. It is apparent, however, that with the amount of mileage now under contract, and with the existing conditions as to labor, materials and the cost of same, it would be inexpedient and poor business economy to attempt to place under contract during the coming season (unless conditions change rapidly and materially), a large additional mileage; and it would seem the part of wisdom for the State to take these conditions into consideration and to curtail the placing of contracts for new work to any considerable extent until prices of labor and material and an increased supply of labor warrant the resumption of activities on a larger scale. It must be borne in mind that this suggestion does not mean that no work is to be performed during the coming season; on the contrary, every man who can be secured will be employed, and every mile of road it is possible to build will be built.

The Department, therefore, recommends that the appropriation for 1917 from the bond issue should not exceed the sum of \$5,000,000."

Methods of contractors and sureties

In addition to the difficulties caused by the war, the situation was further complicated by conditions due to methods originating in 1912 and followed by many contractors and surety companies and described in the Annual Report of this Department on January 1, 1917, as follows:

"The steadily increasing scale upon which highway improvement is being conducted in New York State and the large sums annually made available by the Legislature from bond issue moneys for that purpose, have in recent years attracted a large number of contractors, many of whom were not well qualified either by previous experience and knowledge of the business, or by financial resources to engage in the work. All of these requisites are necessary for the successful handling of a contract involving large sums of money (few contracts being for less than \$50,000), and require the exercise of great skill and judgment in the manipulation of labor.

Each bidder is required to deposit with his bid a certified check for five per cent of the amount of such bid, to guarantee the execution of the contract and bond if the contract is awarded to him. A bond executed by a surety company for fifty per cent of the contract price is required, upon the execution of the contract. The law provides that the contract be awarded to the lowest responsible bidder. If the low bidder to whom the contract is awarded executes the contract and the bond, and the bond is also signed by a surety company authorized by the State Superintendent of Insurance to transact business in this State, thereby obligating the

surety company to the completion of the contract, the responsibility of the contractor is assumed to be assured, so far as the ultimate completion of the road within the original contract price is concerned.

Sharp competition has developed between surety companies in their efforts to secure business, and during the past few years a practice unsatisfactory to the Department has arisen which ultimately was bound to lead to bad results, both to the surety companies and to the contractors, and which to a certain extent affects the interests of the State. A contractor without prior experience in the work, without plant or equipment, or even without financial resources, would be provided by a surety company with the certified check necessary to enable him to bid. If he proved to be the low bidder and the contract was awarded to him the surety company would write his bond, and a contractor, totally unqualified, would thus be enabled to assume an obligation for which he was unfitted. This reckless disregard for all business principles was increased by the manner in which contractors of this type usually prepared their bids. Instead of making careful personal investigation of all the conditions surrounding the contract, it became quite a common practice to consult the engineer's estimate of cost and present a bid at some figure below such estimate, which the bidder hoped would be sufficiently low to secure the contract. So long as labor was plentiful and wages remained fairly stable, the contractors generally managed to complete their work, although owing to lack of financial resources and inexperience, it was with difficulty; and the rate of progress was, in many instances, unsatisfactory."

As a result of the methods above referred to, the conditions on the 6th day of April, 1917, at which time this country entered the war, were made more complex. In many cases the prices contained in these contracts were low under normal conditions, and were inadequate to meet the existing conditions. Nevertheless, a large number of contractors progressed their work to completion, fulfilling their obligations. Quite a number of contractors, and these in nearly every case were the type above mentioned who were enabled to secure contracts by the aid of the surety companies, either entirely abandoned their work or for a time progressed it in a very dilatory and unsatisfactory manner. This department felt that so long as the contractor could be kept at work it was better policy, even though progress was slow to permit him to continue, than to cancel his contract. Where the roads were actually abandoned and left in such condition that action was necessary, the contract was abrogated and advertised for completion, or in some cases of extreme urgency finished by department forces.

Conditions Jan. 1, 1918

Early in January, 1918, a very careful study was made of the entire situation. It developed that there were still in force 186 highway improvement contracts, aggregating approximately 1,100 miles and having a total face value of about \$20,000,000. Work had been performed on these contracts to the extent of something less than 500 miles, leaving approximately 600 miles still to do, at a contract cost of \$7,300,000. Each of these contracts was guaranteed by a surety company bond for 50 per cent of the amount of the contract.

These 186 roads were in different stages of completion. In some cases no work had been performed and the highway was in the same physical condition that it was in prior to the award of the contract. In others, the improvement of a portion of the road was fully completed and no other part of the highway disturbed. In others, part of the improvement was completed but other parts of the highway were torn up and impassable. In others, no part of the improvement was complete and more or less of the entire highway included in the contract was torn up and in a difficult or impassable condition.

In addition to these roads there was necessarily to be considered the usual annual maintenance and repair of the 7,000 miles of improved highways. Necessary repairs and upkeep if neglected, result in widespread deterioration and a greatly increased future expense. The systematic and regular conduct of this work is of paramount importance both for the purpose of keeping the improved system in proper condition for traffic and for the preservation of the great investment already made by the State. The expenditure during 1918 for strictly necessary work of this character was estimated at approximately four million dollars and required the services of several thousand laborers and large quantities of material of various kinds. It was obvious that the conditions for road building during 1918 were to be more difficult than was the case in 1917 and that it would be impossible to build more improved roads in 1918 than in 1917. Therefore, it would be impossible to complete all of the 600 miles of roadway left under contract and also properly provide for the required maintenance and repair. Furthermore, the demand for labor, materials, and

transportation facilities for war industries and for farm purposes was such that the department felt that no more work should be undertaken than was actually necessary properly to maintain the existing system and to complete the torn up portions of the roads under contract, and thus render them fit for traffic and for those transportation purposes, which, at all times necessary, were then extremely urgent.

Hewitt Relief Bill

In furtherance of this plan the Legislature passed a bill (known at the Hewitt Bill) amending Section 132 of the Highway Law, giving the commissioner of highways the necessary authority to enter into agreements for the suspension of operations under contracts in force:

(A) Upon any portion of a roadway on which no work had been performed, and

(B) Upon any portion which was partly completed but where it was shown to be impossible to proceed because there was no market supply of necessary materials, or because of lack of transportation facilities therefor.

The law further provided that upon the completion of the torn-up portion of a road such portion could be accepted by the department, the contractor relieved from further responsibility therefor and be paid in full for the completed portion; the remainder of the contract could then be suspended until the close of the war upon a request signed by the contractor and the surety company.

The Hewitt bill was passed by the Legislature for the express purpose of meeting conditions peculiar to the Highway Department. It amended the Highway Law only and applied to highway improvement work only. It had no reference to any other of the State's activities. It indicated the belief of the Legislature that, on the one hand the best interests of the State and of the county would be conserved by this act, as the use of labor and materials which might be required for war purposes would thus be drafted to the least practicable extent; while on the other hand, by deferring the entire execution of all contracts until after the war a material relief would be afforded the contractors and their

sureties. It also indicated that, in the opinion of the Legislature, this was the greatest extent to which the State should, or could, then go; that the interests of the public demanded the immediate completion of the torn-up portions of the road, and that, in justice to the State, contractors and surety companies should be required ultimately to fulfil their obligations.

As the Federal authorities controlled the disposition and use of railroad transportation facilities and of some of the materials required in highway work, the policy of the Department and the extent of its proposed operations during 1918, both for construction and maintenance, were submitted to them, received their approval and their promise of the release of such materials and transportation facilities as might be required.

While this bill was pending in the Legislature and on March 26, 1918, this policy was fully discussed at a conference at which were present representatives of all surety companies interested in highway contracts, the attorney-general, and state superintendent of insurance and the state commissioner of highways. The surety companies agreed to the policy, and they stated that they would co-operate with the state officials along the lines indicated. As soon as the amendment became a law, all contractors and surety companies were notified, and it was suggested that applications for suspension as required by law should be filed promptly by those whose contracts came within its provisions.

Walters Relief Bill

On June 1, 1918, work was in progress on 45 per cent of the contracts in force. The remaining contractors did not resume operations; neither did they, except in a very few instances, file applications for suspension. A number of contractors stated that this was because of the refusal of the surety companies to sign the requests. Another reason was the desire on their part that this Department proceed under Chapter 585, Laws 1918 (known as the Walters bill) which authorized any municipality or the head of any State department to cancel existing contracts, reimburse the contractor for all losses sustained by him from April 6, 1917, to the date of cancellation, and permit him to complete the work covered by his contract and receive in payment the actual cost thereof.

This Department has found it impossible to proceed under Chapter 585, Laws of 1918, for the following reasons:

(a) The moneys available for highway improvement are obtained in part under a referendum act voted upon by the people authorizing the expenditure of \$50,000,000 for that purpose. The referendum provided that all of the \$50,000,000 should be distributed among the counties and used only for the construction and improvement of the highways designated for improvement by the Highway Law when the referendum was adopted. To use these moneys in the payment of losses would not only deprive those counties in which the contracts are located of a considerable future mileage of improved highways, but would also be in direct violation of the provisions of the referendum.

(b) The referendum further provided that these moneys should be expended, and the work for which they are used should be progressed, under the provisions of article six of the Highway Law. That article provides in detail for each step to be taken in the conduct of a contract. Plans must be prepared and approved by the Department and by the local authorities, advertisements for bids duly published, bids presented in a certain form prescribed by the statute, the contract awarded to the lowest bidder, payments of 90 per cent only made, monthly, as the work progresses, etc. Under Chapter 585, Laws of 1918, none of these safeguards are provided. No competition is permitted, no limitation is placed on the cost. On the contrary, the contractor is to be permitted to complete the work and be paid whatever expense he may incur. Article six of the Highway Law is not amended by Chapter 585, Laws of 1918. It is still in full force. It is in effect a part of the referendum. An act of the Legislature cannot change the provisions of a referendum. That can only be done by vote of the people. This Department is advised by the attorney-general that moneys provided by the referendum can only be expended in accordance with the directions contained therein.

(c) Plans, specifications and estimates of cost for each road are approved by the local authorities, and the county (except in the case of State highways, which constitute a small number) within which the road is located provides through local tax, certain moneys which are made available to the order of the Highway Department

for the purpose of paying the county's specified percentage of the amount of the contract. In many cases villages and towns also participate in the cost of the work, raising their moneys by local tax and making the same available to the order of the Department. While the contract for each highway improvement project is executed by the State Highway Department on behalf of the State and the Department has the supervision and direction of the work yet counties and villages are vitally interested as partners with the State in the transaction. Their moneys have been raised and placed in the hands of the State under a definite and precise agreement as to the purpose for which the moneys should be used; the extent to which they should be used and the return which is to be made for the expenditure. These conditions are all recited in the various resolutions adopted by the local authorities in the proceedings incident to their making available their share of the cost of the enterprise. In many instances the local moneys were raised by local referendum, and the proposition which was voted upon by the people of the locality prescribed the purpose for which the moneys should be used and the manner in which they should be disbursed. In no case did any county, village or town authorize the use of its moneys for the payment of losses incurred by contractors nor for the payment of work except under a contract awarded after competitive bidding. In the absence of any provision on this point being made by Chapter 585, Laws of 1918, it would appear that it was not the intent of the Legislature that the act should be applied in such cases; and, as a matter of fact, it cannot be applied.

Aside from the reasons given above which prevented the application of Chapter 585 to highway contracts, other considerations were involved in the declination of this Department to proceed under its terms.

Of the 186 contracts in force January 1, 1918, about 45 per cent have been progressed throughout the year. The remainder were abandoned, and it was mainly in regard to them that action by the Department under Chapter 585 was desired. Many of these contracts, had due diligence been shown, could well have been completed prior to April 6, 1917, and a large proportion of them could have been completed prior to January 1, 1918, as was the

case with a large number of other contracts awarded at about the same time which were progressed to completion under difficult conditions. The work yet to be performed to complete these abandoned contracts aggregates about 400 miles, amounting at contract prices, to approximately \$5,000,000, and the performance of each contract is guaranteed by a surety company bond for which a large premium has been charged. While this Department is not unmindful of the conditions which have prevailed, it has felt that its first duty was to protect the interests of the State, conserve for future highway improvement the moneys allotted from the \$50,000,000 bond issue to the various counties, and to that end that it should enforce the performance of the obligations of contractors and surety companies, at least to the extent at present of completing the torn-up portions of highways so as to render the same fit for traffic; and ultimately completing the entire contract.

Injunction proceedings

The efforts of the department in this respect have been materially retarded by numerous legal proceedings instituted by contractors and surety companies. In June, 1918, a formal demand was made on behalf of a number of contractors that the department apply the provisions of Chapter 585 to their contracts. Upon refusal, application was made to the Supreme Court by George H. McAvoy, contractor for County Highway No. 1419, on which the National Surety Company was surety, for an order compelling such action. The application was denied, whereupon an appeal was taken to the Appellate Division, which, about September 15, affirmed the decision of the lower court. Pending final decision, the department was unable to take any action towards the completion of the contracts involved.

In the meantime, advertisements were published calling for the submission on August 12, 1918, of proposals for the completion of a number of cancelled contracts which had been abandoned by the contractors and the roads left in an unfit condition for traffic. On August 10 there was served upon the Commissioner of Highways court orders in eight actions brought by the National Surety Company as surety and in two actions brought by the Royal Indemnity Company as surety, prohibiting the Commissioner of Highways from awarding contracts for the completion of the roads

referred to in the orders or from taking any steps towards their completion pending the decision of the Appellate Division in the action above referred to.

On August 31 an injunction order was served on this department in a proceeding brought by Smith Brothers, contractors for County Highway No. 1457, Westchester County, National Surety Company, surety, restraining the Commissioner of Highways from taking action towards the cancellation of said contract (which had been abandoned by the contractor and surety company) and its completion by the department under the provisions of a formal notice previously served upon the contractor and the surety company.

Some of the reasons given in the applications for the restraining orders were the alleged impossibility of securing labor, material and transportation facilities; and, further, that the surety company would incur a large financial loss if the contracts were to be completed.

It was not impossible to secure labor, material or transportation facilities, as was evidenced by the fact that 45 per cent of the construction contracts in force were then being steadily progressed to completion in all parts of the State and a very large amount of maintenance and repair work was under way. The supply of labor was limited and obtainable only with difficulty and at unusually high prices, but it was not impossible to obtain it. Arrangements, heretofore referred to, had been perfected by this Department with the Federal authorities whereby the release was promised of such material as might be required for maintenance and for the completion of construction contracts in force, and it was not impossible to secure such material. Prior to the construction season of 1918 this department took up with the Director General of Railroads at Washington the question of transportation facilities for highway work during the ensuing season and received assurances that if proper arrangements were made for the prompt unloading and dispatch of cars the necessary shipping facilities would be available to progress highway work. A bureau was organized in the department in charge of an experienced railroad man, and by this means, and

through cooperation on the part of the Federal authorities, transportation facilities have been available throughout the entire season.

Another reason given in the applications as a ground for the injunction was that labor and material which would be required to progress the roads should be devoted to other purposes necessary for the winning of the war. The inconsistency and disingenuousness of this allegation is immediately apparent when the actual facts are considered. The contractors and surety companies were endeavoring to compel the Highway Department to operate under Chapter 585 of the Laws of 1918, which provides that contractors should be paid for all losses from April 6, 1917, to date of cancellation, that the contract, so far as prices are concerned, should be cancelled, and that the contractor should then be permitted to complete the entire work at cost. The program of the department for 1918 work which had been submitted to and approved by the Federal authorities, on the other hand, was expressly limited to the completion only of the torn-up portions of highways in order that they might be made fit for traffic, and involved a very much smaller demand for labor and material than would have been the case had action been taken under Chapter 585 as demanded.

Distinction between canal and highway contracts

The fact that the State Canal Board has operated under the provisions of Chapter 585 in connection with some Barge Canal contracts has been urged as a reason why similar action should be taken by this department in connection with highway contracts. These conditions, however, were entirely different. The Barge Canal contracts were very few in number. The work was solely under the jurisdiction and authority of State officials. The moneys involved were solely State moneys, no county, town or village paying any portion of the cost. The State Legislature having authorized the State Canal Board to take certain action involving State moneys only, those officials were in position to exercise their discretionary powers without restriction. In the matter of the highway contracts, however, over one hundred in

number and aggregating several millions of dollars in amount, the funds alleged to be available are those provided under a referendum bond issue which specifically stated the manner in which they can be expended and for what purposes; together with the funds raised by counties, towns or villages, none of which can be expended in the manner provided by Chapter 585.

Recommendation

During the past twenty years over \$100,000,000 of State and county moneys have been expended in the improvement of public highways, all under contracts guaranteed by surety company bonds, for which it has been estimated premiums amounting to over one-half million dollars have been paid. Surety companies, during that long period, enjoyed a most safe and remunerative business. Up to the present time, conditions have been such that very few, if any, losses have been suffered by the surety companies. Now that an emergency has arisen, the responsibilities, for the assumption of which large premiums have been paid, are disclaimed.

The premium paid by the contractor to the surety company for the bond guaranteeing the performance of the contract, constitutes an important item of expense which is included by the contractor in the price for which he agrees to do the work. In the last analysis, therefore, the premium is paid by the State.

In view of these conditions, the question naturally arises as to the expediency of the State continuing to incur the expense of surety company bonds on highway contracts or other obligations with the State, if the State is not to receive the protection which it assumes it is purchasing. The magnitude and extent of highway work, both construction and maintenance, by State aid, is such that personal bonds by private individuals cannot be considered. The State carries its own compensation insurance. It carries its own insurance against loss on State buildings by fire. It would seem that a plan could be evolved by which the State could insure its own contracts and thus receive the protection for which payment is made; and the attention of the Legislature is directed to this subject for such consideration as it deems advisable.

ABANDONED CONTRACTS

The final disposition of the contracts which have been abandoned (some of which have been cancelled, and the legal status of the remainder being such that cancellation may be had at any time) presents a very difficult and pressing financial problem.

Highway Fund sources

In order clearly to comprehend the situation a knowledge of the sources from which the moneys are obtained is necessary. They are as follows:

A. Moneys derived from the second 50 million dollar referendum bond issue, which moneys have been allotted to each of the several counties for the purpose of paying:

1. For the entire cost of the improvement of State highways in that county; or,
2. For the State's share of the cost of county highways in that county, varying from 65 per cent to 92 per cent.

B. Moneys appropriated by resolution of the board of supervisors (upon plans, specifications and estimates of cost prepared by this Department) for the payment of the county's share of county highways, varying from 8 per cent to 35 per cent. These moneys are raised by local taxation in the county, deposited with the county treasurer and held by him subject to the draft of the State Commission of Highways. They can be used only for the payment of the cost of work as it progresses on the particular road for which they are appropriated.

C. Moneys provided in special cases by villages or towns in which a State or county highway is under improvement, and where, at the request and expense of the village or town, a wider roadway or more expensive type of construction is furnished than was contemplated by the State. These moneys (usually raised by local referendum) are deposited with the State Comptroller, subject to the requisition of the State Commission of Highways, and can be used only for

the payment of the cost of the work as it progresses on the particular road for which they are provided.

The moneys set aside as above described for the improvement of any highway are based upon a preliminary estimate of this Department, which is usually the amount required approximately for the share of each municipality under the contract subsequently awarded. The 10 per cent of the contractor's monthly earnings, which are withheld until the final completion of the work, and the bond furnished by the surety company in the penal sum of 50 per cent of the contract price, have been relied upon to furnish funds with which to complete any contract which might be abandoned by the contractor. All highway contracts contain a clause whereby the surety company agrees, in case of the default of the contractor and within ten days after a contract for the completion is awarded, to pay over to the State the amount of the excess cost occasioned by such abandonment and reletting. Funds would thus become immediately available for the completion of the work.

In all of the cases under consideration, however, the 10 per cent retained is utterly inadequate, and the surety companies have refused to pay any excess costs in the cases where demands have been made and have virtually notified the Department that they will refuse to do so on all other contracts for which they have furnished bonds. It is claimed by the contractors and the surety companies that the unprecedented conditions caused by the war relieve them from the obligations assumed prior to the war. Questions of fact and of law are involved which it is believed have never before in the history of this country received judicial determination, and contractual rights and obligations, not only in this State, but throughout the entire country are involved. Years of litigation may be consumed before final decision is reached. It is impossible to foretell what that decision may be.

Additional funds required

In the meantime, and as soon as practicable, provision should be made for the physical completion of the contracts which have been abandoned and cancelled and of those which have been

abandoned and can be cancelled. The additional amount required to do this, at present prices, over and above the moneys heretofore provided is estimated at approximately \$3,000,000.

Where villages and towns are concerned it is improbable that they will be either willing or able to provide any part of this sum. The State has no right to use any bond issue moneys allotted to a county to pay for the additional expense which under the law is to be borne by the village or town. On the other hand, the same reasons which lead to the provision for additional width or better type require the completion of the contract in its entirety and on the approved plans.

It is also improbable that counties will be able, at least in many cases, to appropriate and raise by local taxation or bond issues additional moneys for the county's share of the cost of the work.

There is at present but one available source, therefore, from which any moneys are available, and that is the bond issue moneys allotted to the counties. The Attorney-General has rendered an opinion to the effect that from such moneys allotted to a county there may be advanced such sums as may be required for the State's share and for the county's share of the cost of the completion of a contract.

There are several serious objections, however, to this procedure. As stated above, where villages or towns are involved it would not provide all the moneys required. Aside from that is the effect which this would have upon future highway improvement in many counties of the State. If bond issue moneys are to be used for the excess cost in the completion of these abandoned contracts, the entire available balance in some counties at the prevailing price of labor and material will be exhausted. In some counties there are not now sufficient moneys remaining. In other counties the allotment will be so materially impaired that the mileage possible under future improvement will be greatly diminished and carefully worked out plans for a connected State-wide system in conjunction with federal aid rendered impossible of fulfillment. Furthermore, pending the final completion of the roads in question, and the determination of the actual amount required to be taken from the allotment for that purpose, the award of new contracts in the counties involved must necessarily be deferred.

Frequent suggestions have been made that some plan should be devised for the relief of the contractors from the burdensome conditions which have confronted them since April 6, 1917, but after careful thought the Department has not been able to conceive of any plan which equitably could bring about such relief and, therefore, feels compelled to rely upon the provisions of the Highway Law under which the contracts were executed. If a plan could be devised by which the loss should not fall wholly upon the State, but could be distributed between the State, the contractors and the surety companies, it would seem to be a fair and proper course to pursue. The Department has so far been unable to devise such a plan for the reason that no action on the part of the Legislature looking to such a distribution could legally impose upon the contractors or the surety companies without their consent conditions other than those already contained in the contracts and bonds in force, and the number and variety of interests involved are such as to render it very doubtful that such an arrangement could be brought about by mutual consent.

There seems to be but one method clear of all complication by which all of these cancelled and abandoned contracts may be immediately progressed to completion, and that is by an appropriation from the general treasury by the Legislature of the additional moneys required. If such an appropriation is made all contracts which have been cancelled, and those which have been abandoned but not yet cancelled (and which should be cancelled if work is not resumed by the contractors on or before, say, May 1, 1919), could be advertised and let for completion and the work promptly progressed. In the meantime, the amount of excess cost in each case, as determined by such reletting, would constitute the basis for a demand upon the contractors and surety companies for payment thereof. Should such payment be refused the claims could be placed in the hands of the Attorney-General for collection, and an opportunity would thus be afforded for the courts to determine the question as to the liability of the contractors and surety companies. If recovery is made by the State the moneys received would reimburse the State for the expenditure. In the meantime these much needed roads would be progressed to completion and become available for use as a part of the improved highway system of the State.

RECONSTRUCTION PERIOD

Many grave and exceedingly difficult problems confront the Department in connection with the resumption of its normal activities. It is highly desirable that highway improvement by State aid should be resumed at the earliest practicable time and to the greatest extent possible, but unless due consideration is given to the conditions and causes which have prevented the award of new construction contracts during the past two years and sufficient time be given for the alleviation of those conditions, the ultimate amount of improved mileage which the various counties may receive will be very materially and unnecessarily diminished.

Pre-war and present prices

The fact is generally recognized, and it has been the subject of official comment by the federal authorities, that even though the war may be over, the supply of labor, and particularly of unskilled manual labor, such as is largely employed in highway improvement work, will not for some time to come be adequate to meet the demand. Labor forms a large percentage of the cost of improved roads, varying with the type of construction. It would be useless to advertise contracts for letting unless the estimates of cost were based upon the prices of labor and material prevailing at the time of such letting. Unless a very speedy and material reduction in those prices occurs the State would have to be prepared to enter into contracts by which it would pay approximately \$18,000 per mile for waterbound macadam roads which, prior to the war, cost \$12,000 per mile; \$23,000 per mile for bituminous macadam roads formerly costing \$14,000; \$28,000 per mile for concrete roads formerly costing \$18,000, and \$35,000 for brick roads formerly costing \$25,000. If this increased cost were to apply only to a very few roads it is possible that the benefit derived from their speedy completion might warrant the additional expense, which in the aggregate would not be extremely large. The work of this Department, however, is necessarily conducted upon a very large scale. It is not a question of awarding contracts for a few roads here and there, but a question involving the work throughout the entire State and the expenditure of many millions of dollars annually when work is resumed. During 1915, the

last year when normal conditions prevailed, contracts were awarded for the improvement of 1,073 miles of highways, aggregating \$11,790,000. At the present prices of labor and material but little over one-half of this mileage could be awarded for the same amount of money.

Increased cost reduces mileage

These facts are of direct and peculiar interest to the citizens of the various counties for the reason that the only moneys available for highway improvement are those derived from the second 50 million dollar bond issue, authorized by the Referendum Act of 1912. All of these moneys were apportioned among the various counties and are available for use only in the counties to which they were allotted for the purpose of constructing State highways in those counties or paying for the State's share of the cost of constructing county highways in those counties. The system of State and county highways for which these moneys may be used has been definitely determined and fixed by law. In nearly every county the mileage thus designated exceeds the moneys available for their improvement. During the past four years this Department has steadily kept in mind the great necessity of expending the moneys thus allotted to the counties in such a manner as would to the greatest possible degree provide not only for the completion, so far as practicable, of each county system, but also the completion of a connecting system of improved roads throughout the entire State. Numerous conferences have from time to time been held with the local officials of nearly, if not quite, all of the counties, whose co-operation has been sought and obtained for the purpose of bringing about this result. A number of the counties have availed themselves of the authority conferred by an amendment to the Highway Law by which counties may pay as high as 50 per cent of the cost of county highways, thus conserving their allotment of bond issue moneys for additional mileage.

Very important and timely assistance in this connection was afforded by the passage of the Federal Aid Act, under which approximately \$8,000,000 of federal and State moneys combined will become available for highway improvement. Careful study

shows that the use of these moneys would, to a large extent, provide for the improvement of those uncompleted gaps in the State system for which funds would not otherwise be available. Full provision in all cases, however, are still lacking, and in those cases the entire matter was laid before the boards of supervisors of the respective counties, which were informed as to the possibilities of completing their county systems by the use of federal aid, providing some modifications were made by them in the designation of their county systems. Such modifications were made, and as a result thereof the completion of the entire State-wide system of connected highways was thought to be insured.

These arrangements were perfected prior to the great increase in the price of labor and materials; and the estimates of cost upon which the allotment of moneys and the distribution of mileage were made were based upon the prices then prevailing. As stated above, the present prices were so largely in excess of those upon which the estimates were based that it would be impossible, if contracts were to be awarded during the prevalence of the present prices, to improve the contemplated mileage or to complete the entire connected system throughout the State.

Revised estimates necessary

In order that the organization and equipment of contractors may be utilized to the utmost during the working season, it is essential in the normal operations of the Department that contracts be advertised in considerable numbers and that contractors be permitted to take on sufficient work so that, as soon as one contract is completed, the organization and equipment immediately may be transferred to another contract and work progressed without loss of time. It is also advisable that contractors secure, prior to the construction season and during the winter or very early spring months, sufficient work so that operations may be commenced as soon as weather conditions permit. A considerable quantity of work is also usually carried over from season to season, and for this reason the possibility exists that if large quantities of work were to be awarded at the present prices for labor and material, and should a reduction in such prices occur during the ensuing year, the State might find itself in the position of paying extravagant and unwarranted profits for the work so placed under contract.

The moneys used for highway improvement purposes are derived in part from moneys allotted to the counties from the bond issue and in part from moneys raised in the counties by local taxation. The improved roads, while forming a part of the entire State system, are necessarily of special value and interest to the citizens of the counties within which they are located, and the citizens of each county are peculiarly interested in securing as large a mileage of improved roads in that county as possible. It being largely the county's funds which are to be expended, it would seem that the county authorities justly would be entitled to express their opinion as to whether or not contracts should be advertised and awarded at the present prices of labor and material, and a smaller mileage thus procured; or whether operations should be deferred until a lower and more normal level of prices is reached and a correspondingly increased mileage of improved roadway thus obtained. As none of the estimates heretofore made for roads, plans for which were prepared prior to the war and which have been deferred by reason thereof, will be sufficient under present conditions, revised estimates will be made and forwarded to the boards of supervisors of the counties and an opportunity given them to express their desires in the matter.

Work of first importance

In considering the immediate award of new contracts, it must be borne in mind that many road contractors heretofore engaged in this business have disposed of their plants to the federal government, some have gone into other lines of work, while others are financially unable to continue the business, and for these reasons the number of responsible and competent contractors capable of handling a large mileage will be materially reduced from that of former years. Furthermore, there are now in force contracts aggregating a considerable mileage which will undoubtedly be progressed to completion, as well as that included in the abandoned and cancelled contracts hereinbefore referred to. These will aggregate approximately \$6,000,000 in addition to the usual maintenance and repair, amounting to about \$5,000,000 more.

In view of these facts and conditions as to present prices, availability of labor, reduction in the number of contractors, plant and

equipment, and work now on hand, it would seem that the best interests of the State and of the counties would be conserved by first bending all energies during the coming season to the completion of all unfinished work, when both the Department and the contractors would be in position to take up a large quantity of new work at normal prices and to conduct the same in a speedier and more advantageous manner for all concerned, and in order that when that time arrives the Department may have funds available with which to proceed with the letting of contracts for new work, it is deemed advisable that an appropriation of \$5,000,000 be made from the second 50 million bond issue.

EMERGENCY APPROPRIATION OF 1918

Highway improvement by State aid was commenced in this State in 1898, and during the succeeding ten years about two thousand miles of improved road were constructed. The extensive use of automobiles and motor trucks was not foreseen nor anticipated, either here or abroad, and the macadam type of construction, universally accepted throughout the world as a proper and sufficient method for horse-drawn vehicles, was used in this State during that period. Beginning with 1910, tar, oil and bituminous material came into use in connection with the construction of macadam roads, and as the volume and extent of motor-propelled traffic increased, changes were made in the specifications for the purpose of strengthening the roads to meet the existing conditions, and as rapidly as possible the top course, or wearing surface, of the older roads was reconstructed.

Army motor truck traffic

Early in the winter of 1917-18 the federal government began the shipment of army trucks from Buffalo and western points to the seaports. These trucks went forward under their own power, large numbers using the improved highways of this State. The trucks were in the main five-ton trucks, that is, having a capacity when loaded of five tons, the combined weight of truck and load being approximately 25,000 pounds. Many thousands of these trucks passed through this State during the year over the main improved route from Buffalo to Albany and thence southerly on

the east side of the Hudson river to Beacon, crossing the river at that point and proceeding by way of Newburgh and Suffern to the New Jersey line. Much of the route thus utilized consists of roads which were among the earliest improved by State aid, long prior to the use of motor trucks and, in many instances, even antedating the use of motor touring cars.

Not only was this motor truck traffic continuous and of great volume, but it was carried on during the spring months when the frost was leaving the ground and the roads were most susceptible to damage from such excessive traffic. The extent and volume of this truck traffic and its continuous duration caused apprehension by the department as to its effect upon improved roads, and it was reassuring to find at the close of the season that with two principal exceptions much less substantial or permanent damage had apparently been done than had been anticipated. The exceptions referred to occurred in widely separated parts of the State. The attention of the Federal authorities was early called to the fact that a considerable portion of the improved road in the western part of the State was showing signs of disintegration and it was suggested that, if possible, traffic be deferred wholly or in part until the frost had left the ground. The exigencies of the war would not permit of this, and the shipments of convoys were continued; and portions of the road in that locality, as the result of their use under such conditions, were destroyed. A somewhat similar situation occurred at one point in the eastern section of the State. The Legislature being in session, the matter was duly reported and an emergency appropriation was immediately provided. The department exerted every effort and all of the injured roadway has been entirely reconstructed, without delaying or interfering with the continuous use of the roads in the meantime.

The emergency appropriation also contained provision for the strengthening of all bridges on the route used by the army trucks. A careful examination of such bridges was made early in the season and all of the necessary work performed to render them safe for traffic.

Authorization was also provided for the necessary work to be performed on the Middle Country Road on Long Island, used as a means of access to the United States Army reservation in and

about Camp Upton. By utilizing the organizations and equipment of the town superintendents, this work was accomplished at a very moderate cost per mile, and a well graded road with a wearing course of oil and screenings was provided.

Snow removal

Considerable difficulty was encountered by the army trucks due to snow, and the emergency appropriation contained an item of \$50,000 to be used by this department in the removal of snow during the winter of 1918-19 on the principal routes across the State used for the transportation of army trucks. The removal of snow from public highways has heretofore been solely the duty of the town authorities. Each town is authorized by law to raise such an amount by taxation as it deems necessary for snow removal purposes. The State has heretofore made no appropriation for the purpose, nor has this department had any jurisdiction over this work. The use of the appropriation is limited to the highways used by the army trucks, in other words, approximately 600 miles. The average amount per mile available is therefore small. After careful study of the methods of snow removal by the officials in adjoining States, the conclusion was reached that the most effective results could be obtained by the erection of snow fence, the purchase of a number of plows to be operated by motor trucks and the utilization of the organizations and equipment of town superintendents, and cooperation with them in the work which they were to do with their own funds. A large quantity of snow fence has been constructed and erected; motor driven plows have been purchased and the necessary arrangements made for the operation of the plows by trucks, and also for the use of teams, plows and scrapers.

Considerable apprehension has been evinced by the owners and users of horse-drawn vehicles that the removal of the snow would render the roads impassable for such vehicles. On the other hand, the most effective use of the highways for motor-driven vehicles is obtained by the removal of all of the snow. Due and proper observance of the rights of both classes of vehicles should be given and, so far as practicable, the work of snow removal carried on in such a manner as will interfere with neither.

MAINTENANCE AND REPAIR

The mileage of state and county highways constructed and in use up to the present time is approximately 7,300. These roads have been constructed over a period of 20 years. The greater portion of them has been constructed during the past ten years. All the roads constructed prior to 1910 were of the so-called waterbound macadam type, which was practically the only then known standard for use upon rural highways throughout the world. The great and extensive system of roads built in Europe is of this type. Beginning with 1910 the bituminous bound macadam road came into use. Since that time it has been extensively built, and our own system now has about 3,600 miles of that type. In the last five years this State has also constructed many concrete roads, the mileage built each year during that period exceeding that of the year before. The entire mileage of completed state and county highways in this state is approximately composed of the following types:

| | Miles |
|--|-------|
| Waterbound macadam | 2,400 |
| Bituminous bound macadam | 3,600 |
| Concrete pavement | 600 |
| Brick pavement | 560 |
| Miscellaneous heavy types of pavement..... | 140 |

With the advent of the automobile a serious problem was soon presented. The speed of these vehicles and their tendency to lift all loose particles from the road resulted in the disintegration of the surface and threatened the destruction of the entire system. The use of oil for surface treatment met that difficulty. The use of the automobile has since grown enormously, but the loads to which the roads were subjected by this new kind of traffic were not excessive and highway engineers were enabled, by the use of oil for binder and surface treatment, to continue designing and building to a large extent the macadam roads in use before the advent of the motor car. During the last few years the efforts of this department have been devoted to the construction of heavier and more durable types of pavement. Where possible to do so,

notwithstanding the increased cost of the more durable types, the State has resorted to such construction.

At the present time the completed system in the State is in good repair. The amounts expended for maintenance for several years past have not been increased materially although the mileage has increased and there has also been a steady increase since the latter part of 1915 in the cost of labor and materials. During each of the last several years the maintenance appropriation has included sums for the resurfacing or reconstruction of the older and most used highways. During recent years and until 1918 about 200 miles of this class of roads had been resurfaced each year. Plans were prepared for the reconstruction and resurfacing of a limited mileage in like manner during the year 1918, and the necessary sum therefor was included in the department request to the legislature for the 1918 appropriation. Conferences held by the finance committee of the senate and the ways and means committee of the assembly and this department resulted in the elimination for the year 1918 of \$1,600,000 designed for reconstruction. It was agreed that such work, if undertaken, would be difficult to perform, would be a great drain upon labor more needed in other pursuits during the war, would add to the burden imposed upon the transportation facilities of the State and would be unduly expensive because of the unusually high prices of both labor and material. The annual appropriation for 1918, amounting to \$3,787,383, was expended by this department wholly for the general maintenance of the 7,000 miles of improved State and county highways.

At the beginning of the year the attitude of the federal government toward all kinds of public work involving the employment of labor and the use of materials assumed definite form and resulted in the promulgation by the government of definite and exact rules and requirements pertaining to the same. A very complete and satisfactory organization was effected and a governmental body called the United States Highways Council, representing the principal governmental activities, was formed, which acted in conjunction with the federal office of public roads. The approval of the Council was necessary for the release of materials. The plans of this department for maintenance and repair were

submitted in detail to and approved by the Council, with the result that, notwithstanding the difficult conditions obtaining during the year, our necessary work proceeded without undue hindrance. Before the close of the season it was possible to get the whole State system in a good condition of repair. The details of the season's work are fully set forth in the report of the second deputy commissioner which accompanies this report.

MOTOR TRUCK TRAFFIC AND ITS EFFECT UPON CONSTRUCTION, RECONSTRUCTION AND MAINTENANCE

Attention has been called in previous reports of this department to this very important subject. In view of the developments of the past year and the indications as to the future, it becomes the duty of the department again to urge the necessity of prompt and decisive action by your honorable body, not only for the purpose of conserving the large investment already made by the State and its political subdivisions in improved highways; but also in order that future improvement may be placed upon a definite basis. In approaching the subject it must be borne in mind that the conditions referred to are not singular to this State. They are nationwide, and in fact, world-wide. It should also be understood that the object sought to be attained is not a curtailment of the legitimate use of the highways; but rather their preservation so as to enable them to meet the expansion of traffic which new and unfolding events now indicate will surely come in ever increasing extent, and this should be done in such a way as not to impose upon the citizens of this State a huge financial burden. Highway officials and engineers desire to permit the use of, and to provide for, the largest loads possible in order that commerce may be promoted. On the other hand they are extremely anxious that the very large expenditures heretofore made in highway improvement should not be lost, and also that a basis be fixed for future expenditures.

All of the highways of the State are rapidly becoming of greater value in a commercial way, because of the advent of the motor car and the motor truck. The former is already in wide, general use, and the latter is rapidly coming into general use. During the year 1918 there were 365,110 motor cars and 75,035 motor trucks licensed in this State alone. The motor truck is

a commercial necessity and promises to be of very great value in transportation. As far as possible, therefore, provision should be made for its use. It presents, however, two new and difficult problems:

What can and must be done in the maintenance of the existing improved highways properly to provide for present and future traffic; and what maximum standard type of construction should be adopted for future improvement.

A determination as to the first question practically answers both as it is impossible to differentiate to any considerable extent between different roads or different sections; or between those now improved and those hereafter to be improved. Every improved road forms a part of an intercommunicating system. Every road, immediately upon its improvement, becomes available for, and may be called upon to sustain the heaviest kind of traffic. The improvement itself which makes possible the use of a road, induces a traffic previously impossible. The subject must, therefore, mainly be considered with the entire system taken as a unit. In this connection there also should be considered the 12,000 miles of roads improved by the towns and the counties and which are tributary to the State system. These roads are substantial, well designed and ample for the traffic for which they were designed. They are not adapted to the heaviest kind of traffic. This traffic as yet has not used them to any extent, but it is growing and naturally will ramify. Extensive plans are proposed for various kinds of rural truck transportation, including mail and parcel-post, and as that traffic develops it will use not only the State system but the town and the county roads also to a large and increasing extent.

The greater portion of the improved State system was constructed before the advent of the motor truck and is of varying types. While adequate in the main for trucks of the capacity most commonly used it is not adequate for the very heavy truck; and in considering this subject a distinction should be made between the use of those motor trucks, which though of relatively large size and capacity have been demonstrated as being within proper economic limits and adapted to general use, and those of

excessive weight and capacity, and usually employed for special purposes and under special conditions.

There is a difference of opinion as to just where the line of demarcation should be drawn. The general demands of traffic clearly are indicated by the licenses issued in this State during 1918. Of the total 440,145 motor driven vehicles licensed, 83 per cent were motor cars, 14 $\frac{4}{10}$ per cent were motor trucks with capacity of from one to five tons inclusive, and only 2 $\frac{6}{10}$ per cent were motor trucks with capacity of more than five tons.

Due provisions for the 83 per cent represented by motor cars, both in the matter of existing roads and in future construction, can be made at little additional expense. The difficulty lies with the remaining 17 per cent licenced as motor trucks. As stated, 75,035 of such trucks were licensed in 1918. Of this total 41,886, or more than one-half, were two-ton trucks; 11,257 were three-ton trucks; 5,185 were four-ton trucks; 4,986 were five-ton trucks and 11,721 were trucks of from six to fourteen tons capacity. It safely may be said that the highway problem involved does not begin until after the limit of the three-ton truck is passed, and becomes acute in the extreme when the use of say, the six-ton and greater capacity truck is contemplated. It seems clear that the proper limitation lies between the extremes above stated.

Obviously the difficulty involved is great, even within those limits, because the lighter and older roads of the State system, as well as those of similar character of the county and the town systems, must be considered, and at the same time commercial progress must not be unduly hampered or restricted. At all times it should be born in mind that the traffic is new and unexpected and has out-run construction; and no satisfactory solution can be reached without much reconstruction. Because of this the problem is to a very large extent an economic one, as it squarely presents the proposition as to how much money the people of the State and of the counties and the towns are willing or able to spend. But the experience of the past year in this State and elsewhere has shown beyond question that if the general system of highways is to be thrown open without restriction to all motor trucks, not only will an enormous expenditure be required for the immediate reconstruction of the entire system already built; but the expense of

all future improvement will be very materially increased by reason of the more expensive type of construction required.

The action of the United States Government in designing the army motor truck for war use is interesting and significant.

After exhaustive experiments the War Department adopted the five-ton truck as the heaviest truck required for war needs, and purchased an enormous number of that size. In due time it is expected that these trucks which have been sent to France will be brought back and it is proposed, in part at least, that they be used by the Post Office Department in connection with an extension of the rural mail delivery and parcels post. Many thousands of these trucks are also now being manufactured and delivered to the government under contracts executed before the signing of the armistice, and these trucks will remain in this country and be used by the government or sold and used for commercial purposes.

It is generally agreed by all — makers and users of trucks as well as highway officials and engineers — that there should be a limit to the total weight of the motor truck which is to be used upon rural highways. Of course there must be provision for the scientific and proper distribution of the load as well as the limit of the total load. The latter, however, is the main consideration, because the former easily can be determined after the question of total load is fixed. At the last session of the Legislature a law was enacted which limited the total weight of trucks to be used upon rural highways to 25,000 pounds for the combined weight of load and vehicle. The act merely limited the load and contained no provisions as to distribution and can be regarded only as preliminary to a law of wider scope which should be enacted. At the time the bill was introduced it was evident that all of our highways were being subjected to unusual loads growing out of war conditions. Large numbers of army trucks were crossing our State. These trucks fell well within the limitation of the law referred to; but there developed a demand for the right to operate trucks of even greater capacity. That demand still exists.

The whole problem centers upon the one question: What is the heaviest motor truck, with load scientifically distributed, which can be used upon existing highways without their destruction and with full consideration for the economic question involved?

As far as possible certain portions of the existing system must in time be reconstructed to equal whatever standard for traffic may be adopted. The question is partly one of cost, but that of time is also involved. The cost of all types of road at the present time is exceedingly high. It is not expected that these costs will revert, for several years if ever, to those obtaining prior to 1916. It has taken nearly twenty years to construct the existing system of State highways while the town and county roads have been built almost wholly within the last fifteen years. Interference with traffic is also seriously involved in any extensive plan for reconstructing the existing system.

As for future improvement, it also should be governed by a definite standard in order that proper provision be made and that highway engineers may know the extent of the burden to be borne by the roads which they are called upon to design.

New York State is surrounded by populous commonwealths engaged in commerce similar to its own. This Department has been in communication with their officials and finds generally that the same problems exist for want of limitations and regulations which can be counted upon to last, and which establish a basis for intelligent action.

It is, therefore, highly desirable, and it is recommended, that necessary and proper laws be enacted along the lines herein suggested; and that an attempt be made to procure, so far as practicable, uniformity of action between this and surrounding states.

ACQUISITION OF TOLL BRIDGES

In the January 1, 1918, Annual Report of this Department reference was made to the acquisition, under Section 269 of the Highway Law, of the Congress street toll bridge, connecting the city of Troy with the city of Watervliet, and the Greenbush toll bridge, connecting the city of Albany with the city of Rensselaer, stating that it had been determined that it was for the best interests of the State that these bridges should be acquired. In accordance with the statute, negotiations were entered into between this Department and the owners of these bridges for the purpose of agreeing, if possible, upon the compensation which should be made for the bridges, their appurtenances, franchises, their rights

for the maintenance and use, and any and all damage which should result to such owners by reason of the taking of the bridges. In arriving at a determination as to the valuation which would be a fair compensation to be paid by the State, the engineers of this Department were very materially aided by an expert bridge engineer from the Department of the State engineer and surveyor and an expert accountant from the Public Service Commission of the second district. A most thorough and careful investigation was made, both as to the physical condition of the structures and as to the revenues derived therefrom and the fixed charges and annual cost of operation and maintenance.

Greenbush bridge

An agreement was reached with the owners of the Greenbush bridge whereby the State was to acquire the title thereto, together with all rights, privileges, franchises, etc., upon the payment of \$890,000, which agreement, in accordance with the statute, has been reduced to writing, duly executed and filed in the office of the State comptroller. It was agreed that the present owners of the bridge should continue such ownership and use until moneys should become available by Legislative appropriation for the payment of the agreed price, upon which payment title to the bridge should immediately vest in the State.

Congress street bridge

No agreement was reached between the State and the owners of the Congress street bridge, and, in accordance with the provisions of the statute, the state commissioner of highways reported to the attorney-general, under date of April 3, 1918, that he had determined that public interest demanded the acquisition of the bridge; that his estimate of the proposed cost of acquiring the same, together with the franchises and rights and the amount of any and all damage incurred by such acquisition, is the sum of \$800,000; that, having failed to perfect an agreement with the owners of the bridge for its acquisition by the State for that sum, the matter was presented to the attorney-general, as provided by law, in order that condemnation proceedings might be instituted.

The law provides that upon the receipt of such certificate of approval, if and when sufficient money shall have been appropriated by the State therefor, the attorney-general shall apply to

the court for the appointment of a commission for the purpose of appraising the value of the bridge, its franchises, rights and any and all damage which shall result to its owners by reason of its acquisition by the State. Until such an appropriation has been made, no action can be instituted by the attorney-general and, consequently, no further steps taken towards the acquisition of this bridge.

All of the duties imposed by statute upon this Department in connection with the acquisition of these toll bridges have been performed. Upon payment of the agreed sum to the owners of the Greenbush bridge, immediate possession by the State can be had and the bridge will become free from tolls. An appropriation by the Legislature for the Congress street bridge will enable the attorney-general to progress the condemnation proceedings necessary to the acquisition of that bridge.

Maintenance and operation of bridges

The law authorizing the acquisition of toll bridges provides that upon the title vesting in the State they shall be maintained and operated by the State as free bridges and as a part of the State system of highways. A revenue will be derived by the State from the use of such bridges by railroad or other public utility companies. This revenue, however, even though sufficient for maintenance and operating expenses, must in the first instance be paid into the State treasury and become a part of the general funds of the State. Immediately upon the State's assuming ownership and the duties of operating the bridge a fund will be required to provide for the expense of such maintenance and operation. Should an appropriation be made, therefore, for the acquisition of the bridge, an appropriation should also be made for sufficient funds for its proper maintenance and operation.

The law states that the bridge "shall be maintained by the State as a free bridge and as a part of the State system of highways." This would indicate that the State Department of Highways would be charged with the duty of maintaining and operating the bridge. It is recommended that the law be amended and

the maintenance and operation of the Greenbush bridge, and also of the Congress street bridge, upon their acquisition by the State, be placed in the State Department of Public Works. Both the Greenbush and the Congress street bridges are swing bridges, operated by complicated and extensive mechanical apparatus. For at least eight months in the year this apparatus is in constant use, opening and closing the bridges as boats pass up and down the river. Not only must skilled men be in constant attendance for the ordinary daily operation of the bridge, but there must also be available at any moment such additional skilled aid as may be required in case of accident to, or breakdown in, any part of the bridge, machinery or apparatus. Supplies and extra parts must also be kept immediately available. The Superintendent of Public Works has under his charge the maintenance and operation of a large number of structures on the Barge canal system, including lift and swing bridges. He already has in his department skilled workmen whose services would be available at any time in emergency. He also has in the immediate vicinity of the location of these bridges the necessary apparatus by which any repairs that may be required to the substructure, piers, foundations, etc., could be reached and made. He also has the necessary storehouses within which the supplies and parts required could be safely kept. The State Department of Highways has none of these facilities. No part of its duties include the maintenance and operation of bridges; its work pertains solely to the improvement and maintenance of highways. In order properly to maintain and operate either or both of the bridges in question and to provide against all possible emergencies, it would be necessary for the Department of Highways to build up, at very large and unnecessary expense, the same kind of organization as that which now exists in the Department of Public Works.

AMENDMENTS TO CONSTITUTION AND REFERENDUM RELATING TO HIGHWAY IMPROVEMENT

Restrictions removed from forest preserve lands

Section 120 of the Highway Law, which became effective on January 1, 1909, describes the highways which are designated as State highways and thus become eligible for improvement at the

sole expense of the State. State Route No. 25, as therein described, commences at Whitesboro, near Utica, runs thence northerly to a point near the junction of Herkimer, Lewis and Oneida counties; thence northeasterly to a point on the dividing line between Herkimer and Hamilton counties; thence easterly to Blue Mountain lake; thence northerly to Long lake, and thence easterly to a point on the dividing line between Hamilton and Essex counties.

The improvement of that portion of this route extending from Whitesboro to Old Forge, in Herkimer county, and of that portion extending from Long lake to the Essex county line has been completed. The improvement of the intervening portion has been impossible heretofore for two reasons. One is the fact that the moneys allotted from the second 50 million dollar bond issue to the counties within which this route is located, for the improvement of State routes, are not sufficient for this purpose. Another reason is the prohibition heretofore contained in section 7 of article 7 of the Constitution, which reads as follows:

“The lands of the State, now owned or hereafter acquired, constituting the forest preserve as now fixed by law, shall be forever kept as wild forest lands. They shall not be leased, sold or exchanged, or be taken by any corporation, public or private, nor shall the timber thereon be sold, removed or destroyed.”

By concurrent resolutions adopted by the Legislature and approved by the people at the general election held in November, 1918, this prohibition, preventing the improvement of Route No. 25 where the same crosses forest preserve lands, is removed by the following clause added to article 7, viz.:

“Nothing contained in this section shall prevent the state from constructing a state highway from Saranac lake in Franklin county to Long lake in Hamilton county and thence to Old Forge in Herkimer county by way of Blue Mountain lake and Raquette lake.”

The great Adirondack region occupies much of the northern portion of the State. Improved highways already constructed extend north and south on the eastern and western sides of that

district. The entire improvement as now authorized by the constitutional amendment above referred to would provide a connecting link between the extreme eastern and western parts of the State of great commercial value and would also provide ready access from different points to the heart of this region with its wonderful scenic beauties.

With the constitutional provision removed, the only remaining obstacle to the improvement of this road is the lack of funds, and when the same shall have been provided there is no reason why the work may not promptly be undertaken.

Referendum amended as to use of money

Chapter 298 of the Laws of 1912, approved by the people at the general election of that year, authorized the issue of \$50,000,000 of bonds (known as the second 50 million bond issue). Twenty million dollars of the sum thus authorized were to be used solely for the improvement of State highways and \$30,000,000 for the State's share of the cost of the improvement of county highways. All of the moneys authorized were apportioned among the several counties on a basis established by the three factors provided by the act. By the terms of the act none of the moneys thus allotted to a county for State highways, nor any of the moneys allotted to such county for the State's share of the cost of county highways, could be used in any other county, nor in that county for a purpose other than that designated. The only State highways for the improvement of which moneys thus allotted to a county could be used were those designated by section 120 of the Highway Law prior to the approval by the people in 1912 of the referendum act. The only county highways for which such moneys thus allotted to the counties could be used were those indicated upon the map as approved by the Legislature of 1907, or as subsequently amended by resolution of the board of supervisors, as provided by section 355 of the Highway Law. In some of the counties the total mileage of highways eligible for improvement as such with the moneys derived from the second 50 million dollar bond issue was not sufficient to exhaust the entire allotment thus made, and as a result, after the improvement of all of such highways in those counties is completed, an unexpended balance will remain which.

under the terms of the referendum as heretofore existing, would not be available for any purpose.

By chapter 626 of the Laws of 1918, approved at the last general election, the referendum act was amended and now provides that one-half of the unexpended balance which may exist in any county as above described shall be available, after appropriation by the Legislature, for use in the discretion of the State Commissioner of Highways in the construction, reconstruction or widening of State or county highways as defined in the Highway Law, or of such other highways as he may determine to be necessary to connect the systems of State highways, county highways or highways improved by federal aid in that county. The remainder of the unexpended balance may be used by the commissioner for the same purposes in any other county or counties. Where such moneys are used in the manner above described, the county within which the highway is located shall pay the same proportion of the cost as such county now pays for its share of the cost of the improvement of county highways.

As a result of the amendment a sum ultimately will be available which may be used toward the completion of a connected system of State and county highways throughout the State. The net amount of such unexpended balances cannot be determined at the present time, nor until the final completion of each of the systems in the counties where it is believed such balances will result.

FEDERAL AID

In previous reports of this Department the scope and extent of the improvement of public highways by federal aid has been fully described. Under that act the State of New York will receive from the federal government in annual installments approximately four million dollars, provided the State appropriates an amount equal to that so contributed. Each year the federal authorities tentatively allot to the State the amount to which it is entitled. These allotments lapse unless State funds for the State's share of the work are provided. The manner in which the work is conducted and the distribution of cost are such that the State's share of the expense of federal aid roads cannot be taken from bond issue moneys but must come from annual appropriations made by

the Legislature from the general treasury. As plans, specifications and estimates of cost for federal aid projects are prepared by this Department and presented to and approved by the federal government, its share of the cost of such project is set aside from the tentative allotment of federal moneys. At the time such appropriation for a specific project is made by the federal government it must be shown that State funds have been appropriated and are available for the State's share of such project.

For the fiscal year ending June 30, 1917, there was allotted by the federal government to this State the sum of \$250,720.27. This allotment was met by an appropriation of like amount made by Chapter 276 of the Laws of 1917, the total appropriation made by that chapter being \$300,000, to which reference will hereafter be made.

Plans and specifications for the following federal aid roads have been approved by this department and by the federal authorities and the estimated cost set aside from the 1917 allotment and appropriation above referred to, and contracts for the work will be awarded as soon as conditions will permit of such awards being made within the moneys available:

| Highway No. | Project No. | County | NAME | Length | Estimated cost | Date approved |
|-------------|-------------|----------------|---|--------|----------------|---------------|
| 8000 | 2 | Wyoming..... | Perry Center-Moscow, Pt. 1. | 2.59 | \$51,195 10 | June 26, 1918 |
| 8001 | 3 | Chenango..... | Greene-Oxford, Pt. 1..... | 5.87 | 108,500 00 | June 26, 1918 |
| 8002 | 3 | Chenango..... | Greene-Oxford, Pt. 2..... | 5.87 | 117,300 00 | June 26, 1918 |
| 8003 | 4 | Chautauque... | Fredonia-Silver Creek, Pt. 2. | 4.29 | 86,000 00 | June 26, 1918 |
| 8004 | 7 | St. Lawrence.. | Nicholville-St. Regis Falls, Pt. 1..... | 3.48 | 66,572 11 | June 26, 1918 |
| *8005 | 8 | Wayne..... | Alton-Walcott, Pt. 2..... | 3.21 | 64,010 00 | June 26, 1918 |
| *8006 | 9 | Fulton..... | Akin-Johnstown, Pt. 2..... | 1.06 | 21,192 00 | June 26, 1918 |
| | | | | 26.07 | \$512,769 21 | |

* Balance from 1918 funds.

The Department has been notified by the federal authorities that the following amounts have also been apportioned to this State, namely:

For the fiscal year ending June 30, 1918..... \$501,444.54

For the fiscal year ending June 30, 1919..... 749,674.20

These moneys are allotted on the understanding that the State will appropriate a like amount, Section 168 of the Highway Law

having pledged the good faith of the State of New York to make such appropriations from time to time as may be necessary to equal the allotments made by the Federal government.

The federal aid act was passed in July, 1916. Its central idea was that the federal government would join with the states in the construction of federal aid highways on the basis of equal cost to the government and the State, but that the cost to the Government should not exceed \$10,000 per mile. It was believed that \$20,000 a mile would be adequate for all kinds of roads that properly would be built under the federal aid plan.

The first appropriation made by this State in 1917 was made on the theory that the State should appropriate an amount equal to the federal allotment and the roads proposed to be built out of the first year's federal aid designed and planned so that the total cost thereof would be within the limitation of \$20,000 per mile. Since 1917, however, it has become reasonably clear, both to the office of public roads at Washington and to this Department, that in many, if not in most cases, \$20,000 per mile would be inadequate for the construction of the kind of road required to be built under the federal plan at the present prices of labor and material.

All of the federal aid highways in this State have been located upon thoroughfares and in all cases make connections on important through routes. The type of road required, therefore, is of a superior type. The fact that in nearly all cases an adequate federal aid road cannot now be constructed for \$20,000 per mile has been recognized by the office of public roads, and at the suggestion of the secretary of agriculture an amendment to the federal aid act is now pending in the present Congress which removes the limitation of \$10,000 per mile. It is believed that the amendment will pass and in that event, the serious difficulty growing out of the limitation will be removed, and this State can then carry out its promise of co-operation to the federal government and appropriate an amount equal to the federal appropriation annually, and proceed with the construction of federal aid roads free from the prohibitive features growing out of the present federal limitation.

In due course the State should have appropriated in 1918 the sum of \$501,444.54 to meet the federal allotment set aside for

this State for the fiscal year ending June 30, 1918. At the time this matter was laid before the Legislature in 1918 by this Department, attention was drawn to the fact that the policy of the Department was to defer all new construction during the war period, and that such policy not only was approved, but practically was required by the federal authorities, as well. In view of this fact and as the federal allotment for the fiscal year of 1918 would not lapse until June 30, 1919, it was decided in the conference with this Department held with you to defer the State appropriation of 1918. It will now be necessary, however, to make the appropriation early in 1919.

There has been allotted to this State for the federal fiscal year of 1919 the sum of \$749,674.20 and the matter of making an appropriation to meet this allotment should also receive consideration at this session by you. In view of the fact, however, that there may be an amendment to the federal law eliminating the restriction as to cost, it is suggested that the matter of making the appropriations referred to be deferred for a short period awaiting the determination of Congress on the amendment to the federal aid law. This Department will further inform you in the premises.

The following project statements have been submitted to and approved by the federal authorities:

| Project No. | County | NAME | Length |
|-------------|------------------|--|--------|
| 1 | Chautauqua | Brocton-Fredonia | 4.64 |
| 6 | Rockland | New Jersey State Line-Nyack, Parts 1 and 3 | 5.16 |
| 10 | Rockland | Stony Point-Tompkins Cove | 2.47 |
| 11 | Orange | Fort Montgomery-Highland Falls | 2.59 |
| 12 | Cortland | Marathon-Cortland, Parts 1, 2 and 3 | 6.54 |
| 13 | Chautauqua | Pennsylvania-State Line-Ripley-Foraythe | 7.04 |
| 14 | Chautauqua | Westfield-Brocton | 7.64 |
| 15 | Otsego | Cherry Valley-Sharon Springs, Part 1 | 5.07 |
| | | | 41.15 |

The federal government's share of the cost of the construction of these roads is covered by the tentative allotments made by the federal authorities for the fiscal year ending June 30, 1918. As soon as the State makes its appropriation to meet this federal allotment sufficient funds will be available (provided the federal amendment is adopted) to enable this Department to present the

plans, specifications and estimates of cost for these project statements for the approval of federal authorities, and upon such approval the roads will then be eligible for advertisement and award of contract.

The federal aid law provides that all preliminary expenses prior to the award of contracts, for surveys, preparation of plans, specifications, estimates of cost, etc., shall be borne wholly by the State. No part of the federal allotment may be used for that purpose. In order that funds may be available for such preliminary work, an appropriation on the part of the State is necessary. The balance of the moneys appropriated by Chapter 276 of the Laws of 1917 over and above the amount required to meet the federal allotment has been available for that purpose. In making appropriations for the purpose of meeting the allotments by the federal government for 1918 and 1919 heretofore referred to, additional moneys should be provided for preliminary work. It is essential that these funds for preliminary work be available so that surveys, plans, estimates, etc., may be progressed and the work advertised as soon as appropriations are made and conditions permit of the resumption of activities in road building, as in the absence of moneys for such preliminary purposes no progress whatever can be made in the preparation of the work.

PRISON LABOR

Inmates of the State prisons have been used during the year both for maintenance and repair of improved highways and also for the construction of certain roads not otherwise available for improvement. Notwithstanding the decrease in prison population, the State Department of Prisons has been able to assign for highway work nearly the same number of convicts as heretofore. In the opinion of this department, extensive and necessary work has been done with the prisoners assigned, the results have been of great value to the State, and the work should be continued. In particular, macadam highways of a very substantial kind have been constructed in the immediate vicinity of Comstock and Dannemora prisons, and three projects were also undertaken in the Adirondacks which have materially improved highway connections in that region. These connections could not have been

made in any other way. Important highway work of value to the State is made possible by the employment of prison inmates, as has been demonstrated; but it must be borne in mind that the places where such work can be undertaken and the conditions under which it can be progressed are limited. Within such limitations, however, the results obtained warrant a continuation of this activity.

PERSONNEL

The personnel of the department has necessarily been greatly reduced in numbers during the past two years by reason of the reduction in the volume of construction work during that period. Perhaps the effect of the war on both the man power and activities of this department is best illustrated by making a comparison between the year 1914, which was the last pre-war year, and the year 1918, the last war year, taking as units of comparison the total paid salaries, representing the man power, and the total paid for construction and repair, representing activities. In 1914 the item of salaries was \$1,334,164.23, as against payments for construction of \$10,915,745.90 and for maintenance and repair of \$3,838,006.95, or a total of \$14,753,812.85. In 1918 the item of salaries was \$486,061.11, as against \$2,636,750.13 for construction and \$5,369,778.14 for maintenance and repairs, a total of \$8,006,528.27.

The department records with pride the fact that two hundred and six of its members entered the military and naval service of the United States during the period of the war. This is the largest number from any State department. During the earlier months of the war many of the men, with the hearty approval of the commissioner, entered officers' training camps and were thereafter duly commissioned. A considerable number of others volunteered for enlistment and were subsequently promoted during their term of service. It seems fitting that reference to these facts be made in this report; and a list of all members of the department who entered the military or naval service will be hereto appended as a permanent record of the department.

Respectfully submitted,

EDWIN DUFFEY,
Commissioner.

SUPPLEMENTAL REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

ALBANY, N. Y., March 29, 1919.

To the Honorable, the Legislature of the State of New York:

In the report of this department dated January 1, 1919, in which reference is made to the improvement of public highways in this State by Federal aid, attention was called to the fact that an amendment to the Federal aid act was then pending in Congress and that upon the determination of that amendment this department would report further to your honorable body.

First Federal Aid Appropriation

On July 11, 1916, the President approved an act of Congress entitled "An act to provide that the United States shall aid the states in the construction of rural post roads, and for other purposes." This act carried with it an appropriation of \$75,000,000, to be distributed among all the states of the Union which assented to the provisions of the Federal act and signified their desire to participate in the distribution of the moneys appropriated upon the terms and conditions specified therein. The distribution of the moneys among the several states is based upon a ratio obtained from the three factors of area, population and mileage. The law provided that "No money apportioned under this act to any state shall be expended therein until its legislature shall have assented to the provisions of this act, except that, until the final adjournment of the first regular session of the legislature held after the passage of this act, assent of the governor of the state shall be sufficient."

The Legislature of 1917, by chapter 462 (section 168), assented, as provided in the Federal act, in the following terms: " * * * the provisions of which act are hereby assented to, the good faith of the State of New York being hereby pledged to make such provision from time to time as may be necessary to provide its share of the cost of the improvement of such highways."

Upon filing with the Secretary of Agriculture of the Federal government the assent of the State of New York, through its Legislature, to the provisions of the Federal aid act, there was allotted to this State from the \$75,000,000 appropriation the following sums:

| | |
|--|------------------------------|
| For the fiscal year ending June 30, 1917..... | \$250,720.27 |
| For the fiscal year ending June 30, 1918..... | 501,444.54 |
| For the fiscal year ending June 30, 1919..... | 749,674.20 |
| For the fiscal year ending June 30, 1920..... | 995,182.56 |
| Allotment to be made for the fiscal year ending June 30, 1921 | 1,243,978.20 |
| Total | <u><u>\$3,740,995.77</u></u> |

By the provisions of the Federal aid act approved July 11, 1916, each state is required to appropriate an amount equal to that apportioned to it by the Federal government, which appropriation must be made within the fiscal year succeeding that for which the appropriation is made.

The Legislature of 1917 appropriated \$250,720.27, meeting the apportionment for the fiscal year ending June 30, 1917, and an appropriation is now pending in the Legislature providing for the apportionment for June 30, 1918, making a total of \$752,164.78, which will thus be provided by the State in accordance with the requirements of the Federal aid law, leaving for future action appropriations to meet the apportionments for the fiscal year ending June 30, 1919, 1920 and 1921, respectively, amounting to \$2,988,830.99.

The Federal aid act contains a clause limiting the amount which the Federal government will pay as its share of Federal aid roads to a maximum of \$10,000 per mile, and chapter 462 of the Laws of 1917 of New York State limits the State's share of the cost to 50 per cent. of the total, thereby fixing the total maximum cost per mile at \$20,000. This maximum is inadequate at the present prices of labor and material and, recognizing this fact, the Federal government, by an amendment which became effective February 28, 1919, raised the limit from \$10,000 to \$20,000 for its share of the cost, thus making the maximum total cost per mile \$40,000 instead of \$20,000.

The roads designated for improvement in this State by Federal aid are indicated on a map as provided by chapter 462 of the Laws of 1917 and filed in the office of the State Commissioner of Highways, the Secretary of State of the State of New York and the United States Secretary of Agriculture. While the war was in progress it was the desire of the Federal authorities that no new contracts for highway construction be awarded and that highway improvement generally be limited to the completion of roads already under contract and necessary maintenance and repair, in order that labor and materials might be conserved for Governmental war purposes. The close of the war and the removal of the restriction as to cost will now permit this department to proceed with the improvement of Federal aid roads to the amount of the moneys made available by the Federal government and by the State of New York.

Second Federal Aid Appropriation

Under date of February 28, 1919, the President approved an act entitled "An act making appropriations for the service of the postoffice department for the fiscal year ending June 30, 1920, and for other purposes." That act raises the limitation as to cost above referred to and also provides an additional total appropriation of \$200,000,000, to be distributed among the various states in the same proportion and on the same conditions as was provided for the distribution of the first \$75,000,000; and if the Legislature of the State of New York assents to the provisions of the act of February 28, 1919, and agrees to meet the apportionments which will be made thereunder by the Federal government with appropriations for its share of the cost of the work, there will be apportioned to New York State the following sums in addition to the apportionments hereinbefore made:

| | |
|---|-----------------------|
| For the fiscal year ending June 30, 1919..... | \$2,487,956.40 |
| For the fiscal year ending June 30, 1920..... | 3,731,934.60 |
| For the fiscal year ending June 30, 1921..... | 3,731,934.60 |
| Total | <u>\$9,951,825.60</u> |

The action of the Legislature of 1917, expressed by chapter 462 of the laws of that year, had reference only to the Federal aid act then existing, which provided for a total distribution among all of the states of \$75,000,000 only, of which New York State would receive \$3,740,995.77 on condition it raised a like amount. If, therefore, it is deemed advisable for the State of New York to participate in the distribution of moneys to be made under the act approved by the President February 28, 1919, it would seem necessary that your honorable body should enact the necessary legislation signifying its assent to the provisions of the Federal law and pledging the good faith of the State to provide funds to meet the Federal apportionments, to be made under that act and which, as above stated, will amount in the aggregate to the sum of \$9,951,825.60.

Should this State decide to accept the second Federal aid appropriation, then the first apportionment to be made by the Federal government will be, as above stated, for the fiscal year ending June 30, 1919. It will not be necessary, however, for the present Legislature to make an appropriation to meet this apportionment, but it will be necessary for the Legislature of 1920 to provide the funds.

Bond Issue

As will be seen from the foregoing, the State has already obligated itself to provide \$3,740,995.77, being the amount required to meet Federal aid apportionments to this State from the Federal aid appropriation of \$75,000,000, and has already made provision for \$752,164.78 thereof, leaving \$2,988,830.99 to be hereafter provided. Should the State decide to accept its apportionments from the second Federal aid appropriation of \$200,000,000, it will be necessary to raise the further sum of \$9,951,825.60, or a total of \$12,940,656.59 between the present date and June 30, 1922, plus some additional funds for preliminary surveys, preparation of plans, etc., as all engineering expenses prior to the award of a contract must be borne by the State. All expenses incident to the work after the award of a contract are divided between the State and the Federal government.

The moneys still available from the second fifty-million bond issue authorized by the referendum act of 1912 cannot, under the

terms of that referendum, be used in connection with Federal aid roads, and it will be necessary to provide these funds either by annual appropriation from the general fund or by a bond issue.

It would seem to be the policy of this State that moneys to be used for permanent improvements should be provided by a bond issue, thus extending the cost of the work over a period of years, rather than by large annual appropriations within a short period of time. This is the policy, also, which has recently been adopted in many of the States of the Union, which are now taking the necessary steps for bond issues of large amounts for highway improvement purposes.

In this connection your attention is also called to the fact that, as described in the annual report of this department of January 1, 1919, a large sum will be required for the purpose of completing canceled or abandoned contracts. In order to progress the completion of these contracts, it will be necessary that the money be appropriated by the Legislature now in session, but such moneys will be used for permanent improvement in the same manner as the bond issue moneys upon which the original contracts were based, and it would seem proper that should a bond issue be authorized for the purpose of meeting Federal aid apportionments, there should also be included in that issue such an amount as will reimburse the general fund of the State for the appropriation made by its Legislature for the purpose of completing canceled and abandoned contracts. At the same time it would seem proper to provide such an amount as will reimburse allotments heretofore made to counties from the second fifty-million bond issue from which allotments funds have necessarily been expended or obligated for the completion of canceled contracts during the past two years.

It is also highly desirable that additional funds be provided for the purpose of completing the 500 miles of highways designated for improvements by Federal aid on the map approved May 15, 1917, under the provisions of chapter 462 of the laws of that year. This was the mileage which, at the prices for labor and material prevailing at the time the map was prepared, could be improved under Federal aid with the first appropriation of \$75,000,000.

All of the highways indicated on that map are important, both from a State-wide as well as a local standpoint, as they constitute, in the great system of improved roads, connecting links for the improvement of which funds are not available from other sources. The moneys to be appropriated by the Federal government and by the State of New York under the first \$75,000,000 appropriation are not sufficient to complete the mileage designated on that map, and if a bond issue is to be authorized it is recommended that there be included therein such an amount as will ensure the completion of the Federal aid system now designated.

In order to provide the necessary funds for all the purposes above referred to, a bond issue of \$20,000,000 would be required. A referendum act, if passed by the present Legislature, could be submitted to the people of the State at the general election to be held in November, 1919, and, if approved, the necessary funds to meet the State's share of all Federal aid apportionments both from the first \$75,000,000 and the second appropriation of \$200,000,000 could be obtained from the sale of bonds and without recourse to the general fund.

The State of New York stands to-day far in advance of any other State in the Union with regard to the condition and extent of its improved public highways. Motor traffic of all kinds is rapidly increasing both in volume and in degree, and provision must be made for the future as well as the present needs of the State. This is especially true with regard to the increased value of the highways in a commercial way caused by the advent of the motor car and especially of the motor truck, to which extended reference is made in the report of this department of January 1, 1919; and the attention of your honorable body is again urgently called to the necessity of the enactment of laws along the lines indicated in that report providing for proper limitation and regulation of the increasing motor truck traffic in order that, with due regard to the economic questions involved, the existing system may to the greatest extent possible be preserved and a standard for all new construction or reconstruction may be adopted and adhered to.

Respectfully submitted,

EDWIN DUFFEY,

Commissioner.

REPORT OF FIRST DEPUTY — DEPARTMENT OF CONSTRUCTION

ALBANY, N. Y., *January 1, 1919.*

HON. EDWIN DUFFEY, *Commissioner of Highways.*

SIR.— With the armistice already fading into the background, it becomes necessary to emphasize that every bit of work done in this department during the year 1918 was conditioned, if not determined, by the war.

Shortage of labor and materials and difficulties of transportation surpassed our worst fears of 1917, and were intensified by the absorption from us into the service of trained and trusted men. A subtler, but no less real, cause of difficulty in prosecuting construction work was Hypocrisy masking as Patriotism. "Win the War at all Costs." Not the least ardent advocates of the slogan were those who sought personal profit from the war or, through it, opportunity to escape irksome obligations. Many unfinished contracts were one large question mark in this respect.

Despite these obstacles, progress was made and, aside from actual construction, two results attained which I hope may prove of permanent value in highway work.

Contracts were completed aggregating 363 miles of road. The following tabulation reveals the present status of mileage under contract:

| | <i>Miles</i> | <i>Miles</i> |
|--|--------------|--------------|
| On January 1, 1918, there were contracts in force aggregating ..... | .... | 1,111 |
| Contracts awarded during 1918..... | .... | 000 |
| <hr/> | | <hr/> |
| Total under contract during 1918..... | .... | 1,111 |
| Contracts completed and accepted during 1918.. | 269 | |
| Contracts completed during 1918 but not in time for acceptance | 94 | 363 |
| <hr/> | | <hr/> |
| Leaving under contract January 1. 1919..... | .... | 748 |
| <hr/> | | <hr/> |

| | <i>Miles</i> | <i>Miles</i> |
|---|--------------|--------------|
| On contracts in force January 1, 1919, aggregating 748 miles certain work has been performed as follows ..... | ..... | 748 |
| Prior to January 1, 1918..... | 238 | |
| During 1918 | 41 | 279 |
| <hr/> | | <hr/> |
| Leaving on January 1, 1919, actual work to be performed under contracts in force..... | ..... | 469 |
| <hr/> | | <hr/> |

With consideration for the exigencies of the situation no attempt was made to place additional work under contract. Keen as was our desire to do so, you decreed and we realized that an honorable use of highway funds forbade the letting of contracts at prices so enormous as to preclude the possibility of a return in service by the road to the community — that in addition to the other insuperable obstacles already mentioned.

We concentrated our efforts therefore upon the completion of roads already under contract. Lettings were advertised for the completion of unfinished contracts. The returns were significant — from the bids received only five contracts aggregating about 25 miles could be awarded. Thereupon, under your authorization, we rallied our department forces to continue the work upon 15 other cancelled contracts, aggregating 67.89 miles. Fourteen of these were handled directly by this office, and one, 1.3 miles long, by a division engineer.

In every case where absolute completion of a road under process of construction was impossible, work upon it was directed so that it would best serve the convenience of the public.

The most important piece of work under construction is the Storm King road between West Point and Cornwall, completing Route 3 along the west shore of the Hudson. We hoped to have that finished this year. The hindrances that have impeded us are too numerous and intricate to detail here. At least progress has been made past the point of these barriers, and there is no apparent reason why the road should not be in use by the end of another season.

The trend of the year's experience offers a suggestion and confirms a prophecy.

The unusual success of the department in doing its own construction work upon these unfinished contracts, despite the interminable coils of legal red tape twined about it, raises the question whether it might not be advantageous for highway departments to be authorized and prepared in emergencies to do their own construction as well as engineering work. As in our own case, plants could be hired or gradually acquired, and contractors engaged as superintendents. The arguments pro and con are lengthy; the idea is advanced now simply because it is in accord with that spirit of the age which is tending to centralize authority and to unify responsibility.

The use of the motor truck has exceeded all prophecies. The war has given it its place. It is a means of transportation coordinate with train and boat. Highways *must* be built to sustain it. In each of our three previous reports we have plead for the building of more durable types of pavement. We now have in this State 1,290 miles of durable pavement of the concrete, brick, asphalt block, etc., types, as distinguished from the less durable waterbound macadams, etc. Henceforth, except in unusually isolated communities, the durable type will be the *only* economical type. The higher first cost of the former will be offset in a very few years by the higher maintenance cost of the latter under heavy traffic. There is no further excuse for building semi-durable pavements in or near settled districts. Their "cheapness" has, with the advent of the motor truck, become extravagance.

Perhaps the best contribution made this year by our department to the good roads movement was through our

Research Work

A series of tests were completed to determine the advantages in use of calcium chloride solution to hasten the setting of cement concrete. It has been stated that by use of this solution concrete gun foundations could be put in use three days after construction. The tests made by this department were for the purpose of determining whether the rapid setting would decrease the ultimate strength which the concrete would attain. It is well known that abnormally quick setting cements do not usually make concrete which is as strong ultimately as the slower setting cements.

Laboratory test samples were prepared and tested at ages varying from one day to one year. The results are shown graphically herewith. They indicate that the use of a four per cent solution of calcium chloride as mixing water for cement concrete increases the strength attained at all ages up to one year. Beyond that is still problematical, but what evidence we have indicates certainly no deterioration, and a probable continued, but slower, gain. The maximum increase appears to be about 20 per cent at the age of one month.

The importance of this determination will be appreciated when it is considered that by the use of this solution it will be possible not only for the contractor but also for the public to make use of cement concrete pavements a few days after they have been laid without risk of damage. It will mean the completion of much work in the autumn which has hitherto had to wait over unfinished until spring.

Further tests have been made on pavement concrete with the impact testing machine, which duplicates, under very rapid acceleration, the conditions of wear of pavements due to traffic. These tests are establishing a surer standard for selecting materials for concrete, which is bound to give us more permanent pavements. The results are reduced to a coefficient which is used to show the relative resistance of the concrete to this test. Tabular statement of the results is presented herewith.

RECORD OF IMPACT TEST

$$\text{Coefficient of Impact} = \frac{170}{\text{Average loss}} + 100$$

| Coarse aggregate | Fine aggregate | Mix | No. of | Grams loss per test | Av. loss | Coefficient |
|----------------------------|---|--------|--------|-----------------------------------|----------|-------------|
| Trap | Sand — Niagara river.. | 1:1½:3 | 3 | 150-110-105-95.. | 103 | 165 |
| Trap | Sand — Cowbay | 1:1½:3 | 4 | 110-120-110-100.. | 110 | 155 |
| Trap | Sand — Albany | 1:1½:3 | 4 | 140-100-125-125.. | 122 | 139 |
| Trap | Sand — Long Island | 1:1½:3 | 2 | 120-135.. | 127 | 134 |
| Trap | Sand — Marlboro | 1:1½:3 | 2 | 130-135.. | 132 | 129 |
| Limestone — Buffalo | Sand — Niagara river.. | 1:1½:3 | 5 | 150-120-155-125-135.. | 137 | 124 |
| Trap | Tailings — Graphite | 1:1½:3 | 2 | 155-135.. | 145 | 117 |
| Syenite | Sand — Boonville | 1:1½:3 | 8 | 150-145-150-140-145-125-185-130.. | 141 | 120 |
| Limestone — Buffalo | Sand — Cattaraugus co. | 1:1½:3 | 5 | 155-160-140-125-160-200.. | 148 | 114 |
| Trap | Sand — Boonville | 1:1½:3 | 4 | 165-130-165-135.. | 149 | 114 |
| Trap | Sand — Cowbay | 1:2:4 | 2 | 150-150.. | 150 | 113 |
| Trap | Tailings — Iron ore | 1:1½:3 | 5 | 200-155-165-155-165-180.. | 165 | 103 |
| Limestone — Schoharie co. | Sand — Pattersonville.. | 1:1½:3 | 3 | 170-135-190-315 | 165 | 103 |
| Quartzite — Rensselaer co. | Tailings — Iron ore | 1:1½:3 | 5 | 180-180-165-160-160.. | 169 | 100 |
| Limestone — Buffalo | Sand — Boonville | 1:1½:3 | 4 | 180-180-185-160.. | 170 | 100 |
| Trap | Sand — Albany | 1:2:4 | 3 | 180-180-186-225 | 175 | 97 |
| Trap | Sand — Marlboro | 1:2:4 | 2 | 180-170.. | 175 | 97 |
| Limestone — Lewis co. | Sand — Cowbay | 1:1½:3 | 3 | 175-160-195.. | 177 | 96 |
| Medina sandstone | Sand — Niagara river.. | 1:1½:3 | 4 | 200-160-190-160.. | 178 | 95 |
| Limestone — Lewis co. | Sand — Boonville | 1:1½:3 | 4 | 175-175-160-225.. | 184 | 92 |
| Syenite | Sand — Boonville | 1:2:4 | 4 | 180-205-180-180.. | 186 | 91 |
| Limestone — Marlboro | Sand — Marlboro | 1:1½:3 | 4 | 220-215-210-170.. | 204 | 83 |
| Iron ore tailings | Tailings — Iron ore | 1:1½:3 | 3 | 225-200-200.. | 208 | 81 |
| Limestone — Lewis co. | Sand — Albany | 1:1½:3 | 2 | 220-200.. | 210 | 81 |
| Limestone — Akron Falls | Sand — Lake Shore — Chautauqua co. | 1:1½:3 | 2 | 220-210.. | 215 | 79 |
| Limestone — Akron Falls | Screenings — Limestone | 1:1½:3 | 2 | 250-240.. | 245 | 69 |
| Limestone — Lewis co. | Sand — Cowbay | 1:2:4 | 4 | 290-240-240-220.. | 247 | 69 |
| Limestone — Leroy | Screenings — Limestone | 1:1½:3 | 4 | 270-280-260-260.. | 268 | 63 |
| Limestone — Lewis co. | Sand — Albany | 1:2:4 | 4 | 280-250-270-290.. | 272 | 63 |
| Slag — Buffalo | Sand — Niagara river.. | 1:2:4 | 2 | 220-255.. | 238 | 72 |
| Gravel — Tioga co. | Sand — Cowbay | 1:1½:3 | 2 | 190-170.. | 180 | 95 |
| Gravel — Tioga co. | Sand — Tioga co. | 1:1½:3 | 5 | 175-190-175-170-220.. | 186 | 82 |
| Gravel — Marlboro | Sand — Marlboro | 1:1½:3 | 2 | 175-200.. | 187 | 81 |
| Gravel — Marlboro | Sand — Cowbay | 1:1½:3 | 2 | 215-215.. | 215 | 79 |
| Gravel — Long Island | Sand — Long Island | 1:1½:3 | 12 | ..... | 141 | 59 |

¹ Small stone area — omitted from average.

² Excess grout — omitted from average.

³ Small stone area and excess grout — omitted from average.

⁴ Coefficient varied with amount of flint present.

⁵ Quality of sandstone not uniform.

⁶ Test made to determine quality of screenings.

⁷ Results depend on amount of shale present in coarse aggregate.

⁸ Coefficient varies with gradation. No. 1 size gives small coefficient.

⁹ Approximately.

In the chemical laboratory experiments have been conducted to determine the feasibility of substituting available materials for some now almost unobtainable in the manufacture of bituminous patching compounds. It was found that light tar distillate could be substituted for petroleum naphtha as carrying agent in the composition of asphalt cut-back. A very satisfactory patching compound can be made in this way. The light tar oils are at present

more available than petroleum naphtha and this condition we expect will prevail for several years. During the war the Federal government required many gas companies, which had not previously collected light tar oils, to collect and conserve them. This action will greatly increase the supply and should make these distillates available at a low price. Our experiments enable us to take advantage of relative price fluctuations as well as of restrictions enforced by the government at the time the experiments were conducted.

Experimental measurements of expansion and contraction of concrete in completed roads were continued. These show changes due to temperature and moisture under actual service conditions. They have been conducted to serve as a guide to determine the most desirable length of slabs and the kind and thickness of expansion joints best suited to this type of pavement.

Bureau of Tests

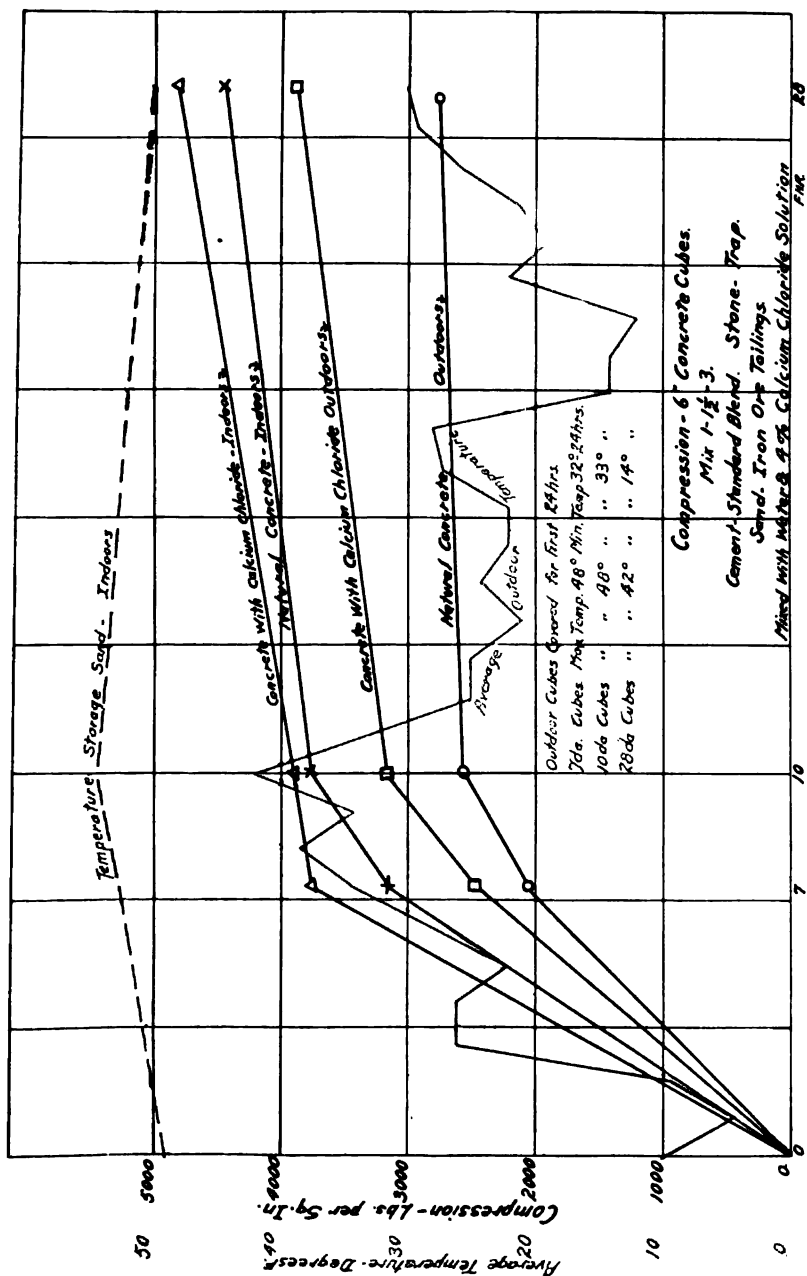
The regular testing was carried out in the usual manner. The reduced amount of construction and repair work made necessary only about half as much work as had been handled under normal conditions. Some of the employes of this bureau were in military service of the country and others were transferred to other work of the department.

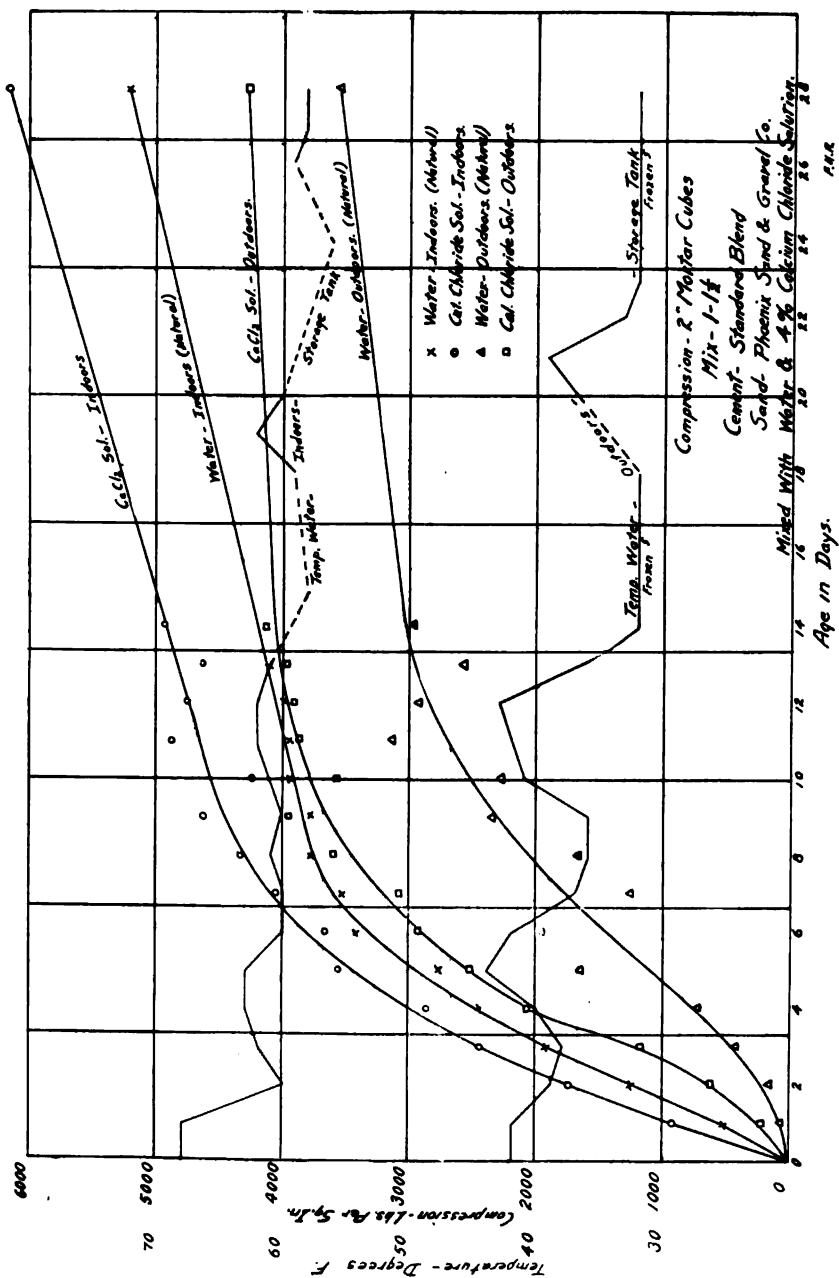
Freight Rate Bureau

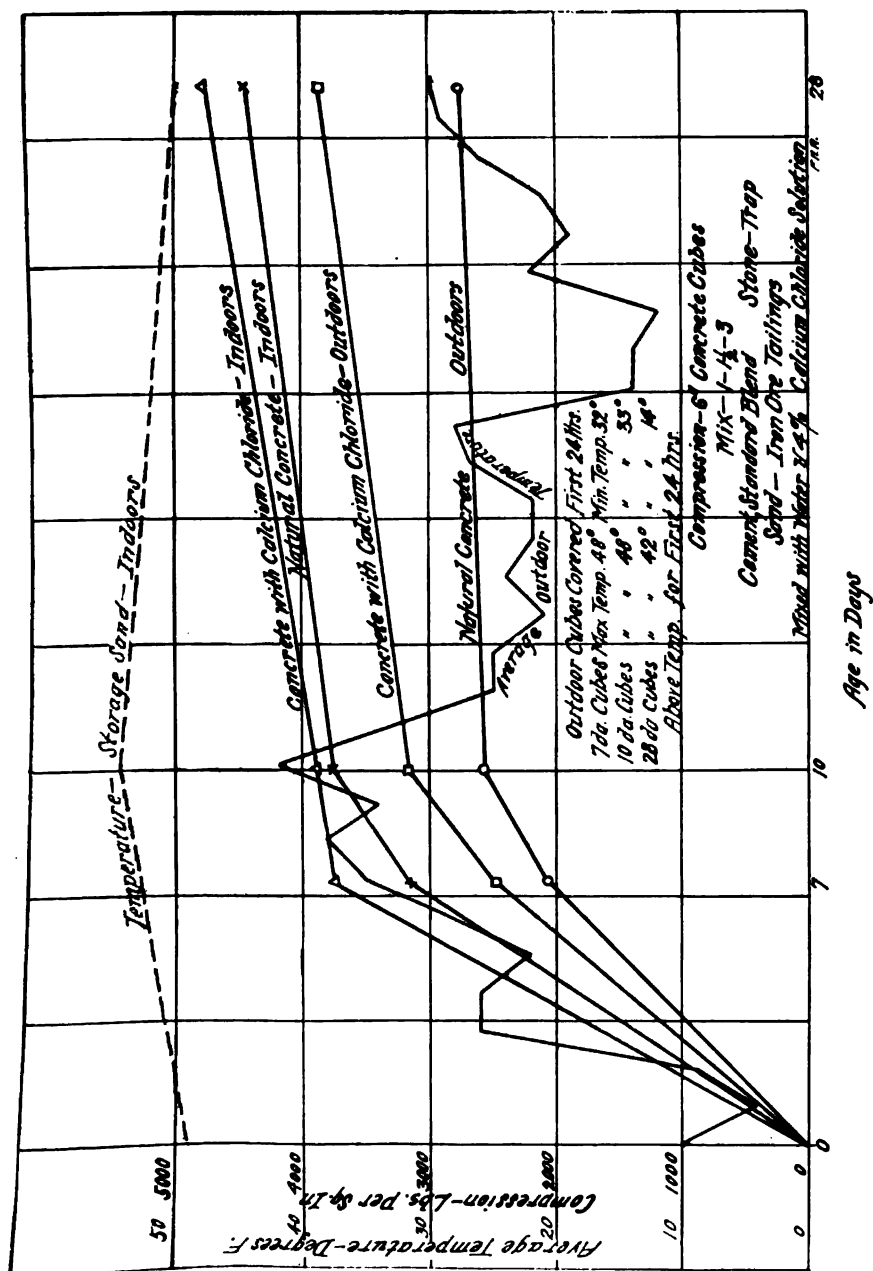
The unusual conditions existing during 1918 resulted in an almost total lack of new estimates for checking. The only work done in connection with quoting of material prices and freight rates for estimates was on special requests from the drafting room for use in bringing old estimates up to date. I therefore have no savings to report for this class of work as in prior years.

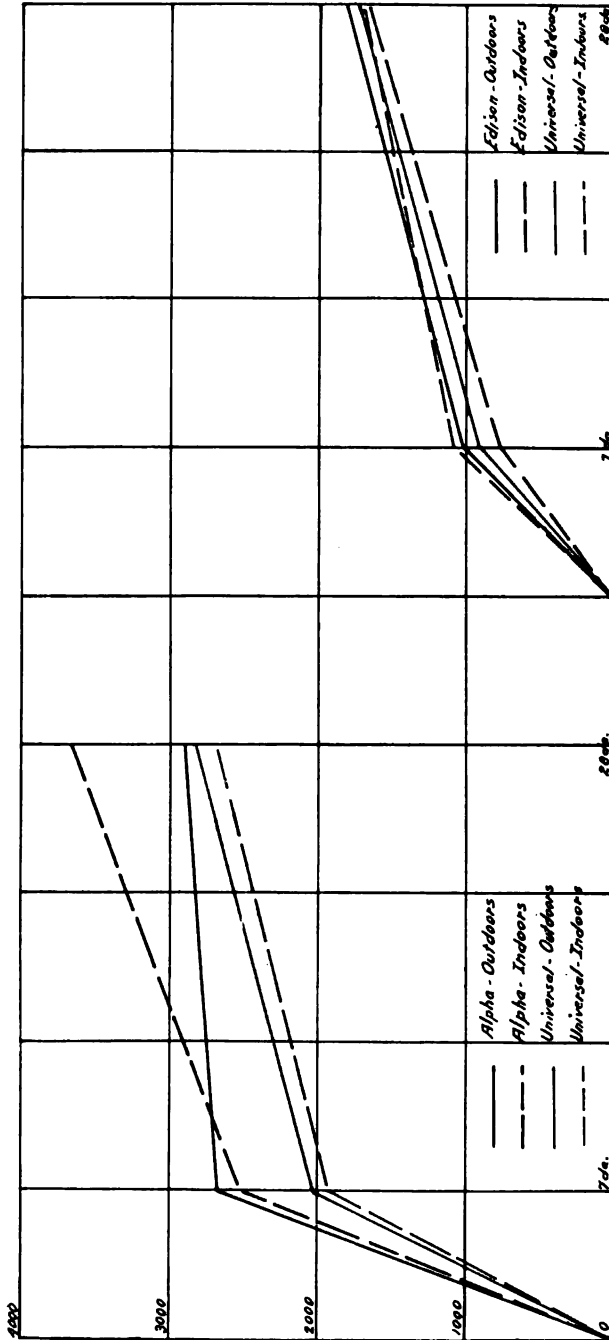
Before the beginning of the construction season it was arranged to check all freight bills against the Commission by this bureau. The items on which savings were effected are too numerous to justify detailed statement. The total saving, however, amounted to \$579.31.

This checking brought to attention the fact that considerable shipments of crushed stone and sand were being moved on class rates. Reduced commodity rates were applied for and secured.









Comparative Compression Tests on 1-1 1/2 Concrete

Highway 5452

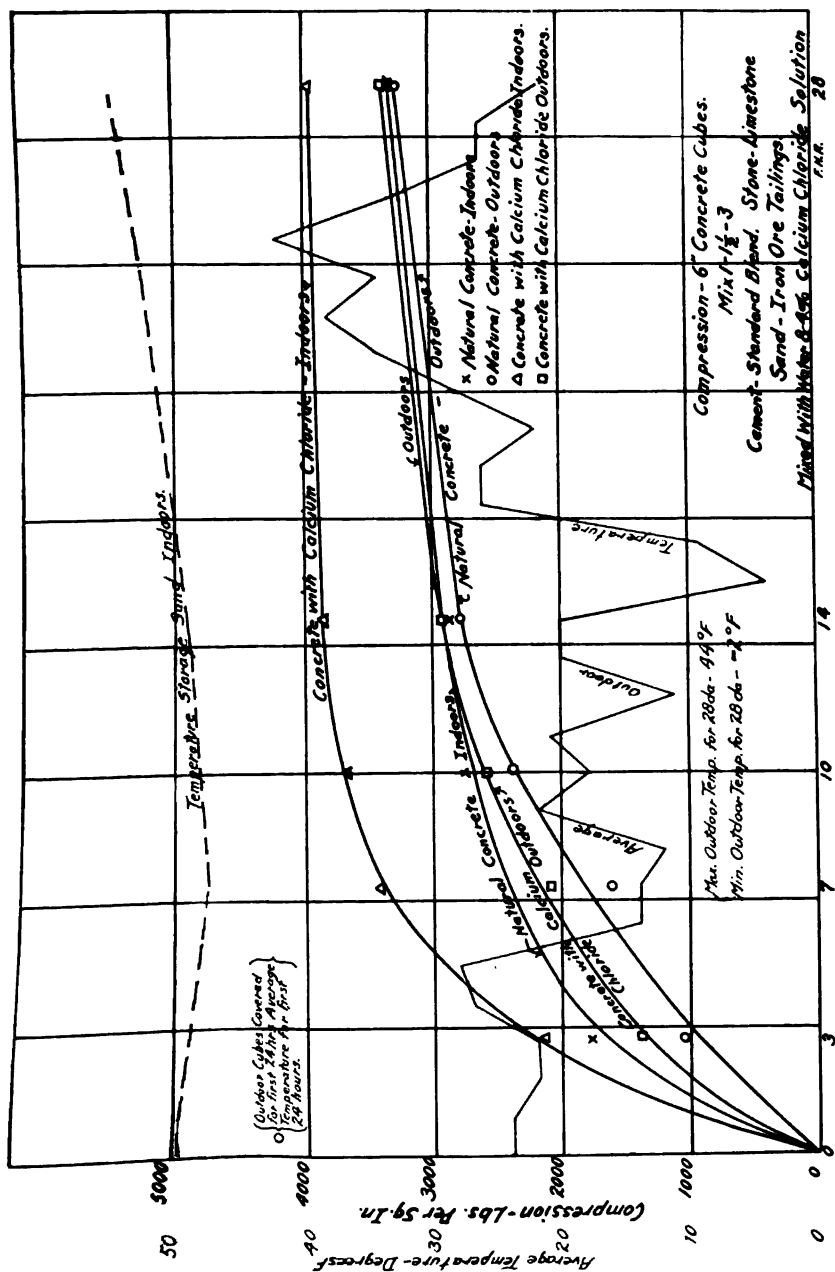
Aver. Max Temp For 28 Days - 62.5°F

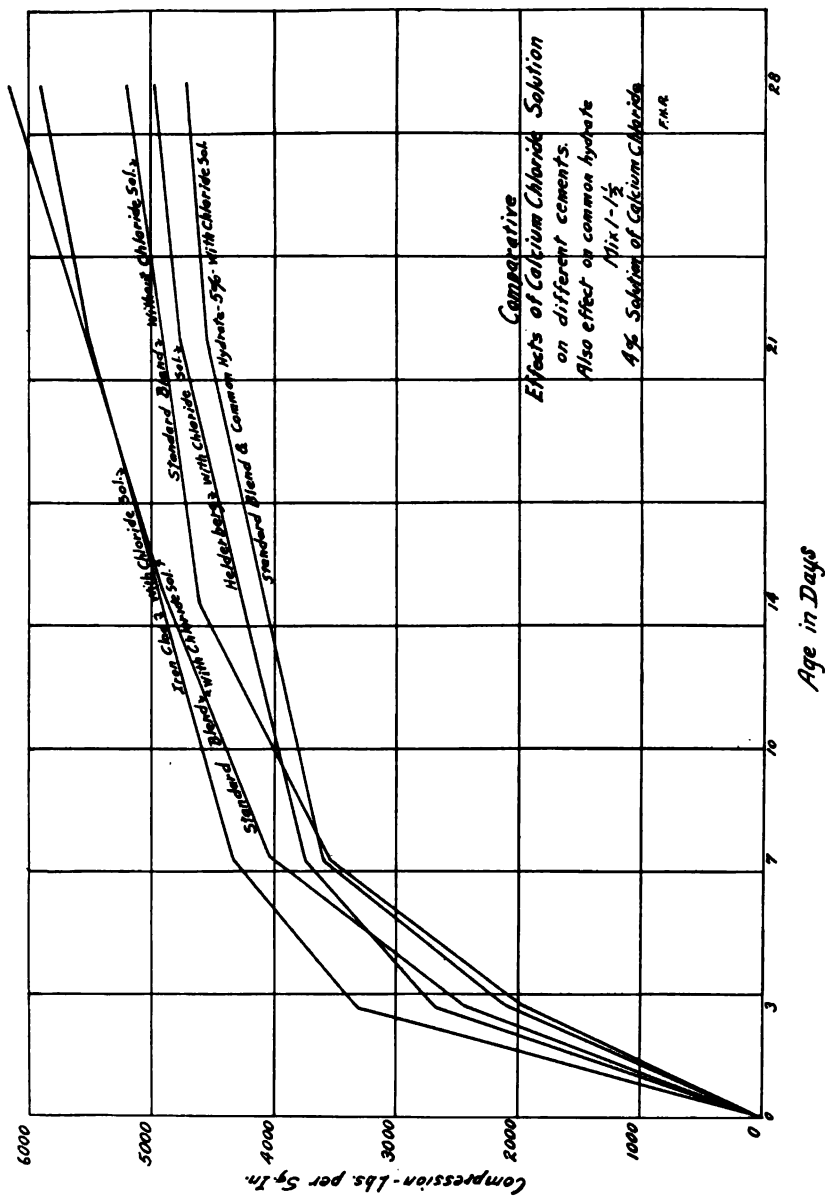
Min. " " 28 Days - 42.7°F

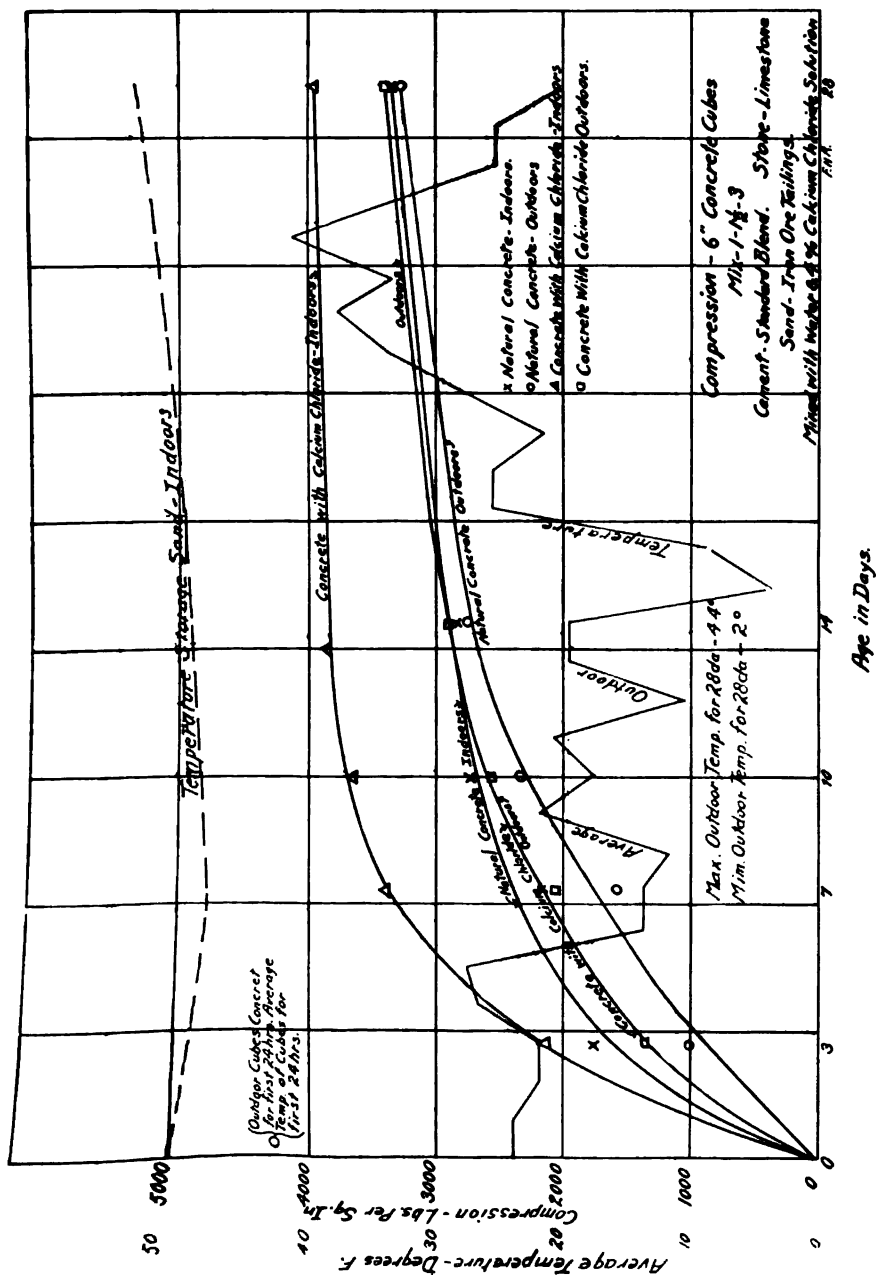
Comparative Compression Tests on 1-5 Concrete

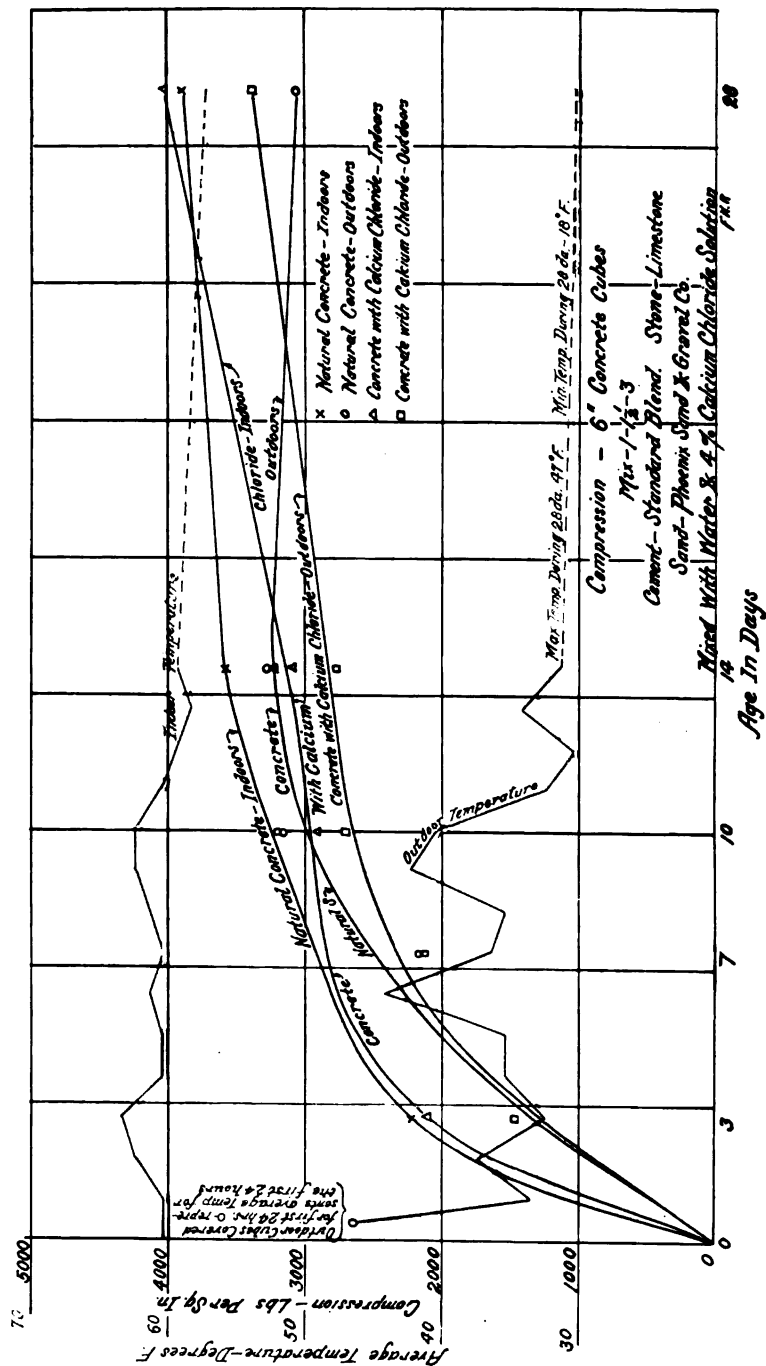
Highway 5452

F.H.K.









Claims for reparation reducing class rate freight already paid to the new commodity rate basis have been made amounting to \$794.00 and are now pending before the railroad administration. Another and much larger claim for reparation is also pending. This arises from shipment of nearly 4,700 tons of sand and about 8,000 tons of crushed stone for a repair contract. Application was filed in April for reduced rates. Owing to confusion and uncertainty caused by changed methods under government operation no action was taken until after shipments which were commenced in June had been completed. Class rates at eleven and fourteen cents per 100 pounds on sand and rate of \$1.40 per ton on stone were assessed. As result of the application a rate of eight cents per 100 pounds on sand was later published, but no action has yet been taken on reduced rates for stone. Reparation of over \$5,000 of the freight paid on sand and of over \$2,000 of the freight paid on stone has been requested from the railroad administration. The matter is still pending but it is believed that reparation will be made.

This bureau was able to affect materially the progress of both construction and repair work of the Commission by expediting shipments. In many cases it traced shipments involving long hauls over several roads, obtained car supply for shippers and modified embargoes.

General Office Work

Regular routine made necessary by the work in hand and in prospect was carried on as in former years. The amount was smaller on account of the reduced amount of construction in progress. The considerably reduced office force was able not only to accomplish the necessary regular work but also to handle work normally done in our division offices. For example, from three of the division offices final estimates for contracts were submitted for preparation because the division engineers were unable to prepare them promptly on account of depleted forces. These final estimates must be rendered as basis for final payment on all contracts and the mass of detailed computations necessary for their preparations is so great that it consumes considerable time. In justice to contractors who are entitled to receive their money as soon as the amount can be accurately determined, it has been our endeavor to reduce delays to a minimum.

The year speaks more for endeavor than for achievement, although considering the difficulties involved actual accomplishment has not been slight. We have sought in every instance to secure the greatest convenience for the public, we have demonstrated that a highway department may successfully do its own construction work, and through our research work we have made two definite contributions to the science of road building. We wish that we might have done more, but in view of the war we bespeak leniency of judgment.

In the appendage you will find a report of Supervising Engineer E. A. Bonney which covers in more detail the work done by department forces.

Respectfully submitted,

H. ELTINGE BREED.

ALBANY, N. Y., *January 1, 1919.*

MR. H. ELTINGE BREED, *First Deputy Commissioner.*

SIR.—In accordance with instructions issued by you and the Commissioner, my work for the past year has been almost entirely confined to the completion of contracts which were being progressed by Department forces.

This work is a departure from precedent and was forced upon us by the unusual number of defaulting contractors. It is the current custom to ascribe failure on public work operation to the war but this reasoning was only partially responsible for the various contracts which the Department was forced to complete. Most of the failures can be traced back to the ruinous competition of 1914, 1915 and 1916, brought on by the influx of many inexperienced contractors. In some cases a certified check for bidding purposes was obtained from a bonding agent; a bond procured from this agent's company; a plant bought for a few dollars plus six, nine and twelve month notes; the president of some rural bank procured as a co-partner so that the first payrolls might be met; and finally the proceeds of monthly estimates were assigned to material manufacturers so that work could proceed. Such combination as outlined above, together with the gradual increase in the cost of labor, had far more influence upon the resulting

abandonment of contracts than the entry of the United States into the world war.

In no case did this Department seek out work to be performed under its own direct supervision. The various completion projects were started only when traffic conditions became unbearable and the traveling public suffered to such an extent that a remedy was imperative.

In carrying on this work a superintendent was procured who, as a first qualification, was a live, responsible contractor; who had not defaulted on any work with this Department; and whose record for integrity and business acumen in prosecuting his own work was unquestioned. He was placed upon a straight salary basis and a rental agreement executed for such plant as was necessary to properly carry on the work. Our plant rental prices are far below the going commercial rates and will stand comparison with rentals paid at any time and place.

A representative from this Department was placed upon the work as engineer and timekeeper, if it were possible for him to do both. On some of the larger contracts two men were needed. Wherever it was possible, the individual laborers, mechanics, teams, etc., were paid by individual check, after signing vouchers and payrolls for the amount due them. Payment of wages was made twice each month and to the lasting credit of the auditor's office, no employes were lost during the summer because of failure to receive their compensation on time.

The rates for labor varied in different sections of the State from 30 cents an hour to 45 cents. In no case was the rate paid by us in excess of that paid by individuals in the same section. The labor was generally scarce, hard to procure and inefficient, at least in comparison to five years ago. The laborer knew that he could get work whenever he wanted it and cared less and less about his job as the season wore on. It was a most trying and difficult problem for the men in charge. Nevertheless, as the season progressed, the State force contracts showed a larger average of work per contract than the work carried on by individuals. The rate of progress also exceeded the other contracts. This was partly due to the co-operation which we received from the Federal government in the procurement of cars to carry material, and possibly the preference shown us by the manufacturers of materials and owners

of quarries because our credit as a purchaser was unassailable. This was particularly true in the matter of coal.

The work in general was very satisfactory as to speed and quality. The costs were not excessive although we faced a handicap of comparison at the start because most of the contracts were taken at extremely low figures and the contract prices were far below the cost of present day work.

Appended hereto are tables giving a brief description of the work on each contract. There is no necessity for complete, detail information in this report. This can be obtained at any time in the office record. Progress charts are available showing amount of work completed, time of beginning, name of superintendent, rates of wages paid, money expended and in tabulated form may be found the subdivision of said expenditures into labor, superintendence, materials, freight, etc.

The following contracts have been entirely completed as outlined above:

County Highway Nos. 410, 449, 1242, 1309, 1373; State Highway Nos. 5510, 5510-A, 5539, 5563, 5582, 5601, 5606.

In closing, I will state that it is my belief that such work should not be carried on as a general practice. It places upon the Department entirely too great an amount of detail and too much personal responsibility upon the engineers and superintendents handling it. It has proved in the last two years that it is possible and feasible as a last resort for a commissioner of highways. It prevents him from having his hands tied by wilfully obstructive tactics of a surety company as evidenced in the past by their bidding in completion work at prices far below cost after which no work would be started; and provides the citizens of our State with relief when ordinary methods of procedure fail. When kept down to a minimum and used only in the extremity, the system has proved its value.

I desire to express my thanks to both you and the Commissioner for the assistance rendered in this work and to the Auditor, whose ever ready co-operation in matters of finance and policy was of the highest value

Respectfully submitted,

E. A. BONNEY,

Supervising Engineer.

STATUS OF STATE FORCE CONTRACTS**FORT PLAIN-HESSVILLE-SPROUT BROOK**

| | |
|---------------|-------------------|
| C. H. No. 410 | Montgomery County |
| Length | 7.10 miles |
| Type | W. B. Macadam |

First contract dated July 15, 1915; cancelled September 30, 1916, with thirty-six per cent of the work performed. Second contract dated June 9, 1917; cancelled July 6, 1917, for non-performance. This road was advertised twice for reletting, but no bids were received. Authorization for completion by Department forces was given November 10, 1917, and work was begun at once gathering field stone and hauling same to crusher during the winter. The highway was completed in October, 1918.

BURNSIDE-WASHINGTONVILLE

| | |
|---------------|---------------|
| C. H. No. 449 | Orange County |
| Length | 3.17 miles |
| Type | W. B. Macadam |

Original contract dated November 1, 1915; cancelled for lack of progress November 8, 1917, after 66 per cent. of the work had been completed. Completion by Department forces was authorized on March 20, 1918, and the work was finished early in July, 1918.

JAMESTOWN-STOCKTON

| | |
|----------------|-------------------|
| C. H. No. 1026 | Chautauqua County |
| Length | 3.99 miles |
| Type | Brick |

Contract dated May 10, 1915; cancelled July 1, 1918, after 73 per cent. of the work had been performed. Completion by Department forces was authorized August 1, 1918, but work could not be started until September, 1918. The entire foundation and a considerable portion of concrete pavement was completed up to 81 per cent. of the contract items. About 265,000 brick remain to be laid and trimming and erection of guardrail for the entire length of the highway. Work should be completed not later than June 15th, 1919.

EAGLE BAY-SIXTH LAKE

| | |
|----------------|-----------------|
| C. H. No. 1098 | Hamilton County |
| Length | 4.22 miles |
| Type | W. B. Macadam |

First contract dated June 17, 1915; cancelled on May 16, 1916, for lack of progress. Second contract dated August 11, 1916; cancelled July 15, 1918, after 19 per cent. of the work had been performed by both contractors. Completion was authorized on July 15, 1918, but work could not be started until September. The road was made passable for traffic, a little better than one mile of subbase was placed and considerable rock excavation completed. An all season's job remains this year no matter how it is handled — either by reletting or Department forces.

PUTNAM COUNTY LINE-STONEHOUSE

| | |
|----------------|-----------------|
| C. H. No. 1163 | Dutchess County |
| Length | 6.16 miles |
| Type | W. B. Macadam |

First contract dated September 2, 1915; cancelled for non-performance May 1, 1916, after 5.6 per cent. of the work had been finished. Second contract dated June 16, 1916, was cancelled June 10, 1917, after 15 per cent. of the work had been performed. This piece of work had been torn up by two contractors and portions of it left in an impassable condition. Completion by Department forces was authorized on August 30, 1917. Work was begun in September and 1.75 mile of top course finished that year. The balance of the grading, culverts and road metal, both top and bottom course, were completed in the year 1918. There remains to be done about 5 miles of trimming. The work should be accomplished by June 1, 1919.

HUNTER-TANNERSVILLE

| | |
|----------------|---------------|
| C. H. No. 1242 | Greene County |
| Length | 4.43 miles |
| Type | Bit. Macadam |

Original contract dated May 25, 1915; cancelled for non-performance on May 29, 1917, when 45 per cent. complete. Work by Department forces authorized June 18, 1917. All culverts, rough grading and metalling completed the same year, thus throwing the road open to traffic. Trimming, erection of guide signs, guardrail, placing of cobble-gutter, etc., was finished early in the summer of 1918.

TUPPER LAKE-LONG LAKE, PART 1

| | |
|----------------|-----------------|
| C. H. No. 1258 | Hamilton County |
| Length | 5.10 miles |
| Type | W. B. Macadam |

Contract dated May 13, 1915; cancelled for lack of progress June 20, 1918, after 53 per cent. of the work had been performed. The northern half of this highway was through new right-of-way and absolutely impassable. The only work performed consisted of opening up and grading a sufficient length of new location so that travel was made possible between Tupper Lake and Long Lake.

BENNINGTON-ATTICA-ATTICA CENTER, PARTS 2 AND 3

| | |
|----------------|----------------|
| C. H. No. 1267 | Wyoming County |
| Length | 6.09 miles |
| Type | W. B. Macadam |

Contract dated July 23, 1915; cancelled for lack of progress May 7, 1917, after 31 per cent. had been performed. This road was readvertised July 30, 1917, September 20, 1917, and April 19, 1918, no bids being received. Completion by Department forces for that portion of the work lying east of Attica was authorized on May 27, 1918. Work was not started until September, 1918, and was badly handicapped by the continued rains encountered

through that region making the heavy clay slippery and hard to work. Now that the war is stopped, I believe that the balance of the work should be readvertised. The highway now stands 40 per cent. completed.

PEEKSKILL-PUTNAM COUNTY LINE

C. H. No. 1309 Westchester County

Length 6.63 miles

Type Bit. Macadam

Original contract dated September 2, 1915; cancelled for non-performance on May 1, 1916, after 3 per cent. of the work had been accomplished. The second contract was dated June 9, 1916; the second cancellation, June 15, 1917, for nonperformance after 12 per cent. of the work had been finished. The completion of the contract was authorized by the Department June 18, 1917. This highway was a direct route from Peekskill on State Route No. 2 to the Harlem Valley by way of Lake Mahopac on State Route No. 1 and had been so disturbed by uncompleted grading that travel over it was almost impossible. The entire 6.6 miles were finished by Department forces in one year.

COLLINS CENTER-SPRINGVILLE

C. H. No. 1333 Erie County

Length 9.14 miles

Type W. B. Macadam

Contract dated December 3, 1915; cancelled for lack of progress July 7, 1918, after 24 per cent. of the work had been completed. This contract was readvertised in August, 1918, but could not be let within the money. An authorization was granted September 11, 1918, to place the highway in passable condition for traffic. This included the building of two culverts and the construction of approximately $\frac{1}{2}$ mile of gravel sub-base through deep cuts and one long fill. This was all the work contemplated by the Department.

HURLEY-KINGSTON

C. H. No. 1373 Ulster County

Length 2.73 miles

Type Concrete

Contract dated July 18, 1916; cancelled for lack of progress June 20, 1918, after 41 per cent. of the work had been completed. Completion by Department forces was authorized June 20, 1918, but work could not be started until July 15, 1918. Two miles of this highway were unfinished. The grading, guardrail, placing of concrete pavement and trimming were completed early in November, 1918.

RICHFIELD SPRINGS-WINFIELD, PARTS 1 AND 2

C. H. No. 1409 Otsego County

Length 7.87 miles

Type Bit. Macadam — Mixing method
and W. B. Macadam

Contract dated July 17, 1916; cancelled for non-performance on August 28, 1917, after 10 per cent. of the work had been performed. Completion by Department forces was authorized August 28, 1917, and work was begun late

in the fall. A small force of men worked during the winter breaking out quarry stone and delivering same along the road for sub-base and at the railroad station for shipment to the other end of the contract. During 1918 the grading and sub-base were completed for the entire job and the concrete base, curb, gutter and mixed asphalt pavement laid in the village of Richfield Springs. There remains to be completed approximately 3 miles of top course together with trimming, guardrail, etc., and work should be finished by July 1, 1919.

LAKE STREET-RIDGE STREET-HARRISON AVENUE

| | |
|----------------|--------------------|
| C. H. No. 1457 | Westchester County |
| Length | 4.62 miles |
| Type | Concrete |

Contract dated September 29, 1916; suspended October 2, 1918, for lack of progress after 42 per cent. of work had been performed. The original contractor had worked only upon Ridge Street and had left the newly graded portion in a rough and dangerous condition. Authorization for work by Department forces was given October 2, 1918, and concrete pavement laid on the torn-up portion to make connections with two intersecting improved highways. This was all the work which had been contemplated and relieved the difficulties of traffic which prevailed prior to this time.

MARATHON-CORTLAND

| | |
|----------------|-----------------|
| C. H. No. 1500 | Cortland County |
| Length | 2.33 miles |
| Type | W. B. Macadam |

Contract dated February 23, 1917; cancelled May 28, 1918, after 24 per cent. of work (mainly earth excavation) had been performed. Authorization by Department forces was dated May 28, 1918, but it was found impossible to begin work until late October. The contract is now 46 per cent. complete and should be finished not later than June 15, 1919.

BROCKPORT-SPENCERPORT

| | |
|----------------|---------------|
| S. H. No. 5539 | Monroe County |
| Length | 7.31 miles |
| Type | W. B. Macadam |

Contract dated September 28, 1915; cancelled for lack of progress on June 26, 1918, after 67 per cent. of the work had been completed. The grading had been finished on this highway. the bottom course laid for its entire length and one mile of top course completed. The use of the highway by hundreds of army trucks began to disintegrate the bottom course so that immediate action was necessary to save the work already done from rapid deterioration. Completion by Department forces was authorized on August 16, 1918. An organization was placed upon the work, bottom course repaired and the unfinished six miles of top course was finished in the remainder of the season together with erection of guard rail, guide signs and trimming of the entire 7.31 miles.

SCHENECTADY-DUANESBURG, PART 2

S. H. No. 5545 Schenectady County
 Length..... 5.62 miles
 Type W. B. Macadam

Original contract dated May 14, 1915; cancelled September 20, 1915. Second contract dated November 26, 1915; cancelled September 6, 1916. Third contract dated September 26, 1916; cancelled August 2, 1918. Total of work under three contractors, 42 per cent. Completion by Department forces was authorized August 2, 1918, but little could be accomplished because of the proximity of the Government warehouse at South Schenectady. This was a war project. Extremely high wages were paid because of the absolute necessity for a large amount of labor. The Department could not consider paying higher prices at a time the country was at war with the result that little could be accomplished except the repairs to sub-base, the building of a large fill near Station 270 and the drainage improved for the entire length, so that the road was made passable for the traffic at all seasons. Fifty-one per cent. of the contract items were completed at the close of the work. About four months will be necessary to finish the work this season.

LOCKPORT-McNALLS

S. H. No. 5563 Niagara County
 Length..... 5.07 miles
 Type..... Concrete and brick

This contract was dated June 26, 1915. It was cancelled for non-performance on May 31, 1916. Readvertised August 23, 1916. No work performed. Cancelled the second time June 13, 1917. Completion by Department forces authorized June 14, 1917. The work performed by original contractor consisted of the laying of concrete base and curb for 2,000 feet within the city of Lockport. A small amount of brick was laid together with approximately 1½ miles of rough grading on the east end of the road. The second contractor did no work whatsoever. The condition of the highway without any maintenance became so bad in the spring of 1917 that many accidents were reported and it was impossible to haul a loaded vehicle over the highway. After work began with State forces the entire length of the highway was graded and ditched, making the road passable for traffic, and approximately 5,000 feet of pavement laid in 1917. The balance of the road was completed in the early fall of 1918.

MIDDLEBURG-BREAKABEEN

S. H. No. 5577 Schoharie County
 Length 7.96 miles
 Type Bit. Macadam

Original contract dated August 31, 1915; cancelled September 30, 1916, for non-performance after 23 per cent. of the work had been performed. This road was readvertised on May 7, 1917. Only one bid was received and that above the funds available. The work performed by original contractor consisted only of the grading of 1¾ miles on the southerly end and the placing of sub-base thereon. This sub-base was rapidly disintegrating under heavy traffic from trucks carrying milk. That portion of the highway lying between

the sub-base and the railroad shipping point at Middleburg was a narrow, dangerous, single track road so that completion was demanded not only to save the work already performed but the balance of the road was needed to make said work of any value. Completion by Department forces was authorized on June 22, 1917. A top course laid on the completed sub-base was placed that year together with considerable rough grading. During 1918 the balance of the highway has been graded, culverts placed and sub-base for its entire length, with 2 miles additional of top course, laid.

MOHAWK-PAINES HOLLOW

S. H. No. 5579 Herkimer County
 Length 6.55 miles
 Type W. B. Macadam

This contract was dated August 30, 1915; cancelled for non-performance on August 29, 1917, after 49 per cent. of the work had been accomplished. Authorization for completion by Department forces was procured on August 29, 1917. Quarry stone was broken out during the winter of 1917-1918, and the entire top course finished during the year 1918. All of the guardrail was erected and most of the trimming completed. There remains but 10 per cent. of the work to be done, which should be completed in six weeks after it starts.

LE ROY-PAVILION, PART 2

S. H. No. 5582 Genesee County
 Length 4.53 miles
 Type W. B. Macadam

This contract by means of new location eliminated two dangerous grade crossings. The original contractor performed no work. The second contractor accomplished what earth excavation could be done economically by his steam shovel, after which he abandoned the contract. Completion by Department forces was authorized on June 14, 1917. The work was completed in August, 1918.

CAIRO-WINDHAM, PART 2

S. H. No. 5583 Greene County
 Length 4.77 miles
 Type Bit. Macadam

Contract dated August 31, 1915; cancelled for lack of progress May 17, 1918, after 37 per cent. of the work had been performed. Completion by Department forces was authorized May 17, 1918, but work could not be started until August, 1918. During the balance of the season 44 per cent. additional was performed. There remains one mile of grading, sub-base and top course to be placed together with guardrail, trimming, etc. Work should be completed not later than July 1st, 1919.

SYRACUSE-FAYETTEVILLE

S. H. No. 5587 Onondaga County
 Length 5.12 miles
 Type Concrete and brick

Original contract dated April 21, 1916; cancelled on June 8, 1917, for non performance with 37 per cent. of the work finished. This highway was tor

up from end to end by the original contractor and traveling conditions became untearable so that even access to a cemetery was perilous. Completion by Department forces was authorized on June 20, 1917, and carried through until the close of the season. The road was shaped up so as to permit travel. In 1918, because of the shortage of labor and available superintendents, the balance of the completion work was delayed until the organization completing S. H. No. 5563 could be moved to this work. The work performed this year consisted of widening shoulders, erection of guardrail, placing of cobble-gutter and the trimming of that portion of the highway upon which concrete pavement had been previously laid. Six thousand feet of pavement remain to be placed outside of the city and approximately 2,500 feet within the corporation.

KAATERSKILL CLOVE

| | |
|----------------|---------------|
| S. H. No. 5588 | Greene County |
| Length | 3.95 miles |
| Type | W. B. Macadam |

Contract was dated August 31, 1915; cancelled for lack of progress June 13, 1918, after 35 per cent. of the work had been performed. Completion by Department forces was authorized June 13, 1918. This highway is an extremely heavy piece of construction, most of it on new location up the mountain side. It is a steam shovel job and the difficulties are aggravated by the tendency of the material to slough and slide. Heavy dry masonry breast walls are necessary to support the road. Work was stopped in January, 1919, for lack of funds. This highway was constructed from a special appropriation instead of from bond issue moneys.

TUCKAHOE-WHITE PLAINS

| | |
|----------------|--------------------|
| S. H. No. 5606 | Westchester County |
| Length | 2.74 miles |
| Type | Concrete |

Contract dated May 14, 1917; cancelled July 10, 1918, after 60 per cent. of the work had been performed. Completion was authorized by Department forces on July 10, 1918, and the job was finished late in October of the same year. This work was one of the main trunk highways between White Plains and New York City, and its completion in record time relieved an intolerable situation.

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COMPARISON OF NUMBERS OF MEN WORKING ON STATE FORCE AND OTHER HIGHWAY CONSTRUCTION CONTRACTS DURING SEASON OF 1918

| Week ending | STATE FORCE WORK | | | CONTRACT WORK | | |
|------------------|---------------------|---------------|-----------------------|---------------------|---------------|-----------------------|
| | No. of Contracts | No. of Men | Average No. of Men | No. of Contracts | No. of Men | Average No. of Men |
| April 12..... | 8 | 342 | 42.7 | 11 | 190 | 17.3 |
| 19..... | 8 | 404 | 50.5 | 17 | 282 | 16.6 |
| 26..... | 9 | 547 | 60.8 | 27 | 506 | 18.7 |
| May 3..... | 9 | 567 | 63.0 | 38 | 627 | 16.5 |
| 10..... | 9 | 572 | 63.5 | 53 | 915 | 17.2 |
| 17..... | 9 | 575 | 63.9 | 60 | 1,040 | 17.3 |
| 24..... | 10 | 543 | 54.3 | 61 | 909 | 14.9 |
| 31..... | 10 | 553 | 55.3 | 65 | 1,124 | 17.3 |
| June 7..... | 10 | 552 | 55.2 | 67 | 1,167 | 17.4 |
| 14..... | 10 | 537 | 53.7 | 71 | 1,236 | 17.4 |
| 21..... | 10 | 523 | 52.7 | 70 | 1,272 | 18 |
| 28..... | 9 | 473 | 52.6 | 74 | 1,284 | 17.4 |
| July 5..... | 8 | 435 | 54.4 | 71 | 1,177 | 16.6 |
| 12..... | 8 | 433 | 54.1 | 72 | 1,257 | 17.4 |
| 19..... | 8 | 384 | 48.0 | 60 | 984 | 16.4 |
| 26..... | 8 | 381 | 47.6 | 56 | 914 | 16.3 |
| Aug. 2..... | 8 | 402 | 50.2 | 51 | 846 | 16.6 |
| 9..... | 11 | 634 | 57.6 | 49 | 863 | 17.6 |
| 16..... | 11 | 680 | 61.8 | 50 | 866 | 17.3 |
| 23..... | 10 | 668 | 66.8 | 50 | 793 | 14.9 |
| 30..... | 10 | 664 | 66.4 | 48 | 772 | 16.1 |
| Sept. 6..... | 13 | 685 | 52.7 | 48 | 697 | 14.5 |
| 13..... | 13 | 691 | 53.1 | 50 | 670 | 13.4 |
| 20..... | 13 | 651 | 50.1 | 48 | 640 | 13.3 |
| 27..... | 13 | 572 | 43.9 | 43 | 554 | 12.9 |
| Oct. 4..... | 14 | 547 | 39.0 | 34 | 391 | 11.5 |
| 11..... | 14 | 518 | 37.0 | 41 | 466 | 11.4 |
| 18..... | 15 | 525 | 35.0 | 36 | 339 | 9.4 |
| 25..... | 14 | 456 | 32.6 | 37 | 399 | 10.8 |
| Nov. 1..... | 14 | 417 | 29.8 | 30 | 287 | 9.6 |
| 8..... | 14 | 418 | 29.8 | 28 | 285 | 10.2 |
| 15..... | 13 | 371 | 28.5 | 21 | 260 | 12.4 |
| 22..... | 11 | 311 | 28.3 | 22 | 217 | 9.9 |
| 29..... | 10 | 258 | 25.8 | 22 | 171 | 7.8 |
| Totals (34 wks). | 364 | 17,289 | Av.47.4 | 1,581 | 24,400 | Av.15.4 |

REPORT OF SECOND DEPUTY-- MAINTENANCE AND REPAIRS

ALBANY, N. Y., *January 1, 1919.*

HON. EDWIN DUFFEY, *Commissioner of Highways.*

SIR.— I have the honor to submit herein the annual report of the Bureau of Maintenance, Repair and Reconstruction of the improved State and county highways, for the fiscal year ending December 31, 1918.

As a preface to the statistical data of such report, it would appear pertinent to set forth and record a few of the salient features which prevailed during this year of national emergency and which influenced to a large extent the efforts and results obtained by the maintenance organization.

On November 1, 1917, the National Priority Board issued and placed in effect priority order No. 2, which order prohibited the shipment of highway materials in open top cars. This order not only prevented the customary delivery of maintenance material in the fall for early spring use, but also made it impossible to determine whether as spring and summer arrived any highway material could be obtained by rail from commercial sources of supply.

Under normal conditions at least 90 per cent. of all crushed stone used by the maintenance organization is obtained from commercial quarries; also under such conditions it has been the practice to expend about 40 per cent. of our maintenance appropriation in the heavy resurfacing and reconstruction of about 4 per cent. of the total pavements.

Anticipating difficulty in obtaining labor, materials and transportation, it was determined to eliminate from the season's program all anticipated work of resurfacing and reconstruction and to request appropriations only sufficient for general maintenance and repair work.

After reviewing the experience of the past season and the difficulties which prevailed in securing labor, material and transportation, I feel justified in stating that the aforesaid action was wisely taken as in all probability had the money been made available, it could not have been expended and contracts, if awarded at all, would have been at extremely high prices.

During the winter of 1917 and 1918, the War Department decided to transport a large number of army trucks over the principal improved route across the State. The heavy fall of snow during the winter interfered with such movement of trucks and resulted in the accumulation of a large number at the factories in the western part of the State. As soon as the snow receded from the highways, the War Department started large convoys of trucks from the factories, notwithstanding the request of this Department that such movement of trucks be deferred until the frost had left the ground and the subsoil settled into a stable condition, which resulted in breaking up and destroying about thirty miles of pavement on the main improved route across the State.

The Legislature being in session at this time voted an emergency appropriation of one million dollars for highway purposes, of which \$840,000 was set aside for maintenance, repair and reconstruction of the improved State and county highways which were extensively used by army trucks.

Early in the year, it became apparent that there would be a shortage in the supply of bituminous materials such as are used in highway improvement and repair work and many of the producers of such materials refused to enter into contracts to furnish such materials or to make deliveries to contractors on contracts awarded the previous year. The contractors who held uncompleted contracts for resurfacing where asphalt binder was required were unable to obtain assurance of the delivery of the material and work was not started early in the season on any of such contracts.

As the result of the usual advertisement for furnishing bituminous material for use directly by the Department, one asphalt refining company and one tar refining company submitted qualified proposals which, however, could not consistently be incor-

porated into contracts. Informal agreements were entered into with these companies to furnish the respective materials at the prices submitted in their proposals, but before 10 per cent. of the total quantity required had been shipped, the United States Fuel Administration issued an order that no bituminous material should be shipped by the refiners for use in highway construction and maintenance purposes, except as authorized by such fuel administration.

Learning of the proposed action of the Fuel Administration, members of this Commission proceeded to Washington and appeared before the Oil Division of the Fuel Administration, at its first meeting after the issuance of the aforesaid order, and presented applications for all of the bituminous material required for the anticipated maintenance and repair work of the season. The Fuel Administration, however, would only authorize shipment of about 50 per cent. of our requirements which, however, was sufficient for the time being and permitted shipments of the material to continue without interruption. Additional applications were made from time to time which were approved by the Fuel Administration, with the result that our full requirements were ultimately supplied.

As the season advanced, the general shortage of bituminous material was much less than at the opening of the season and during the latter part of the season it was possible to obtain shipment of all such material as was required.

The result of the shortage of this material in the forepart of the season is that six contractors having uncompleted resurfacing contracts awarded the previous year, being unable to obtain the material, did not resume operations and the work was finally put over until the following year.

The shortage also resulted in the restriction of surface treatments of macadam pavements to the least possible amount consistent with proper preservation of the pavements.

In the following tables, I have summarized the expenditures for maintenance and repair purposes during the past year and, following the practice of previous years, I have included in the table of contracts those which were awarded during the year, rather than the total amount expended by the contract method.

There was a larger amount expended in payments on contracts awarded the previous year than remains unpaid on contracts awarded during the past year. By this method, the total expended as shown by the Auditor's report will be considerably in excess of the total expended and obligated as shown in the accompanying table.

The following contracts were awarded:

| | |
|---|-------------|
| Two contracts for the reconstruction of highways with a different type of improved surface, aggregating 3.57 miles, at a total cost of..... | \$65,183 31 |
| Six contracts for the reconstruction of highways with new foundation course and the same type of improved surface, aggregating 19.54 miles, at a total cost of..... | 433,758 05 |
| One contract for the resurfacing of badly worn macadam pavement, aggregating 1.71 miles, at a total cost of..... | 26,315 90 |
| One contract for heavy surface treatment of macadam pavement, aggregating 3 miles, at a total cost of..... | 15,793 42 |
| Sixteen contracts for light surface treatment of concrete and macadam pavements and gravel surfaces, aggregating 427.96 miles, at a total cost of | 270,082 56 |
| One contract for the construction of a storehouse for equipment, at a total cost of..... | 7,852 77 |

| | |
|--|--------------|
| A total of 27 repair contracts have been awarded, authorizing a total expenditure of | \$818,986 01 |
|--|--------------|

The funds expended directly by the Department may be segregated into the following units:

Direct Charges

| | |
|-----------------|--------------|
| Wages for: | |
| Patrolmen | \$572,400 93 |

| | | |
|--|-------------|----|
| Foremen | \$118,299 | 34 |
| Laborers, mechanics and teams..... | 1,334,670 | 42 |
| Total | \$2,026,460 | 69 |
| Materials: | | |
| Broken stone | \$508,368 | 76 |
| Sand and gravel | 30,750 | 59 |
| Bituminous material | 879,025 | 82 |
| Cement | 47,053 | 00 |
| Miscellaneous | 70,287 | 75 |
| <hr/> | | |
| Total | 1,535,485 | 92 |
| Rental of equipment: | | |
| Rollers | \$28,674 | 87 |
| Motor trucks | 92,557 | 21 |
| Distributors | 5,711 | 00 |
| Crushers | 3,432 | 24 |
| Miscellaneous | 9,455 | 73 |
| <hr/> | | |
| Total | 139,831 | 05 |
| Purchases of supplies for equipment..... | 68,540 | 87 |
| Miscellaneous | 3,084 | 22 |
| <hr/> | | |
| Total of direct charges..... | \$3,773,402 | 75 |

*Overhead Charges***Salaries of engineers:**

| | | |
|--|-----------|----|
| Administration and general | | |
| division supervision | \$31,670 | 86 |
| Clerical and accounting | 39,037 | 82 |
| Planning, designing and estimating | 7,137 | 67 |
| Inspection and supervision of contract work | 25,284 | 78 |
| Supervision and direction of departmental work | 120,244 | 91 |
| <hr/> | | |
| Total | \$223,376 | 04 |

| | |
|---|----------------|
| Engineering expense, travel and subsistence | \$54,774 30 |
| Rents: | |
| Office | \$7,813 92 |
| Storage for equipment | 7,266 86 |
| Total | 15,080 78 |
| Purchase of equipment and tools. | 167,368 67 |
| Advertising | 1,892 79 |
| Supplies, office | 852 25 |
| Miscellaneous | 3,690 03 |
| Total of overhead charges | \$467,034 86 |
| Total expended directly by the Department | \$4,240,437 61 |
| Total expenditures and contract obligations | \$5,059,423 62 |

The work accomplished directly with the departmental equipment, labor and materials includes the following:

Maintenance by patrol system 5,895 miles of low grade concrete and macadam pavements and gravel surfaces, at a cost for labor and material of \$1,321,653.

Reconstructing old macadam with concrete six inches in depth 1.42 miles, at a cost of \$27,605.

Resurfacing old pavement with macadam top course two or more inches in depth 310,278 square yards, at a cost of \$351,667.

Heavy surface treatment with bituminous material and stone from one-half to one inch in depth 128,810 square yards, at a cost of \$57,333.

Light surface treatment with bituminous material and cover 719 miles of low grade concrete, macadam and gravel surface highways, at a cost of \$360,472.

Restoring in a permanent manner, 244,226 square yards of macadam pavement, which had broken through under traffic during the spring months, at a cost of \$517,574.

Making extraordinary repairs occasioned by cloudbursts and floods, at a cost of \$48,726.

Miscellaneous repairs to pavements, shoulders, ditches and guard railing by gang labor on 4,619 miles, at a cost of \$913,569.

New retaining walls, culverts, etc., where none had previously been provided, at a cost of \$17,736. Widening and banking pavements 53,315 square yards, at a cost of \$73,933. Widening roadways 60.38 miles, at a cost of \$58,242. Miscellaneous improvements, at a cost of \$24,893. Total expended on improvements \$174,804.

Of the nine contracts which were awarded for resurfacing and reconstruction, seven were for restoring the destroyed pavements on the principal route across the State which was extensively traveled by army motor trucks, which contracts were financed from the so-called emergency appropriation; the other two contracts were obligated against unexpended balances of the previous year's appropriation, which balances were the result of failure to obtain proposals for work advertised during the season of 1917.

Under normal conditions, it has been the practice to expend by contract about one-half of the total amount available, but the elimination of the item for resurfacing and reconstruction from the appropriation, eliminated the major portion of the work ordinarily performed by contract. The contract obligations for the past year were accordingly reduced to an amount which is but about 16 per cent. of the total expenditure.

Among the items of expenditures made directly by the Department will be found a considerable sum which was expended for the purchase of equipment and tools.

In view of the embargo placed on shipments of highway materials in the fall of 1917, it appeared desirable to install a stone crushing plant in each Division and also to materially increase the number of motor trucks which are owned by the Department. The larger units of equipment purchased during the year include the following:

- 9 complete stone crushing outfits.
- 6 ten-ton road rollers.
- 1 six-ton road roller.
- 10 three-ton motor trucks.

- 26 one-ton motor trucks.
- 4 oil distributors.
- 31 mechanical mixers for mixing bituminous material with crushed stone.
- 18 dump wagons.
- 5 road scrapers.

Even with these large additions to the equipment owned by the Department, it will be noted that the expenditures for the rental of equipment would appear to justify additional purchases.

The most essential units of equipment necessary for the successful operation of work of the Department are the light one-ton trucks which are used to transport labor from the centers of population to the work on the highways.

The labor cannot be found in the vicinity of the work and must be transported from the small hamlets or villages, perhaps five or ten miles distant. The truck not only transports the men rapidly but makes the work more attractive to the men. The trucks are also used in the distribution of materials from the maintenance piles.

It will be noted that the total expended for engineering salaries and expenses is but about five and one-half per cent. of the total amount expended, which is somewhat less than the average cost of engineering and supervision for this class of work.

The purchase of a considerable quantity of equipment in each of the nine divisions necessitates the rental, purchase or construction of suitable storehouses where the equipment may be stored, overhauled and repaired during the winter season.

Along the line of the Erie canal, there are suitable state lands which can be obtained for storage purposes.

On such State owned lands adjacent to the Barge canal, in the vicinity of Waterford, Saratoga county, a storehouse and repair shop were constructed by contract during the past season.

It would appear advisable to build at least one such storehouse in each Division.

The expenditures from the emergency appropriation have been included in the general statement of expenditures as hereinbefore set forth.

Of the total appropriated in this Act, chapter 338, Laws of 1918, \$340,000 were apportioned to the work of repair and reconstruction of the principal improved routes across the State which were extensively traveled by army motor trucks.

The principal route so traversed by army trucks extends from Buffalo to Syracuse to Albany, via the Mohawk Valley, thence across the Hudson river to Rensselaer and down the east side of the Hudson to Beacon, crossing the Hudson again to Newburgh and southerly to the New Jersey State line at Suffern, a distance of about 440 miles.

The section where the greatest damage was occasioned by this unusual traffic is in the vicinity of Rochester, where for about one hundred miles peculiar local climatic conditions developed a subsoil condition favorable to destruction of macadam pavements by heavy traffic at a time immediately after the frost left the ground.

From the Cayuga-Seneca County line, west to the Genesee-Erie County line, a distance of about ninety miles, at least 25 per cent. of the macadam pavements on the main route were destroyed in one week's time by this unusual traffic of army trucks, many of which were loaded, following one after the other in convoys of 60 to 100 trucks each.

From the Cayuga-Seneca County line, easterly to Syracuse, a distance of about thirty-five miles, about 10 per cent. of the macadam pavements were destroyed and from Syracuse easterly to Albany and southerly to the New Jersey State line, a distance of about 285 miles, not to exceed 5 per cent. of the macadam pavements which were traversed by this same extraordinary traffic were appreciably affected thereby.

Another peculiar feature observed was that in the Rochester district, many supposedly first-class pavements were badly broken up, while many pavements on the route east of Utica and south of Albany known to be weak and which have heretofore given trouble did not break up to any great extent by this same traffic.

The results would indicate that there must have been some climatic conditions that prevailed in the Rochester district which tended to produce peculiar conditions of the subsoil, resulting in

an unstable foundation for the pavements, which climatic condition did not prevail in the other sections traversed by this main route.

The expenditures from the Emergency Fund have been segregated into the following classifications:

Performed by Contract

| | |
|--|---------------------|
| Six contracts for the reconstruction of destroyed pavements with new bituminous macadam pavement 8 inches in depth and 16 feet in width, aggregating 19.54 miles in length, at a total cost of | \$433,758 05 |
| One contract for the reconstruction of destroyed pavements with new concrete pavements 7 inches in thickness, 18 feet in width and 3.17 miles in length, at a cost of \$53,223.23 for labor and \$64,173.18 for materials, which latter is included in departmental expenditures | 53,223 25 |
| Total expended and obligated by contract.. | <u>\$486,981 30</u> |

The funds expended directly by the Department may also be segregated into the following units:

Direct Charges

| | | |
|---------------------------------|-------------|--------------|
| Foremen | \$12,385 14 | |
| Laborers, mechanics and teams.. | 123,184 35 | |
| Total of personal service..... | | \$135,569 49 |
| Materials: | | |
| Broken stone | \$83,105 94 | |
| Sand and gravel | 14,512 82 | |
| Bituminous material | 51,157 77 | |
| Cement | 29,936 00 | |
| Miscellaneous | 2,664 98 | |
| Total for materials..... | | 181,377 51 |

Rental of equipment:

| | |
|---|--------------|
| Rollers | \$1,766 25 |
| Motor trucks | 6,576 25 |
| Miscellaneous | 493 35 |
| <hr/> | |
| Total of rental equipment..... | \$8,835 85 |
| Purchase of supplies for equipment..... | 1,957 37 |
| Miscellaneous | 135 62 |
| <hr/> | |
| Total of direct charges..... | \$327,875 84 |
| <hr/> | |

Overhead Charges

| | |
|---|--------------|
| Salaries of engineers | \$8,972 26 |
| Engineering expenses, travel and subsistence... | 2,127 38 |
| Purchase of equipment and tools..... | 691 64 |
| Supplies, office | 39 00 |
| <hr/> | |
| Total of overhead charges..... | \$11,830 28 |
| <hr/> | |
| Total expended directly by the Department. | \$339,706 10 |
| <hr/> | |
| Total expenditure both by contract and directly by the Department..... | \$826,687 42 |
| <hr/> | |

The work accomplished with the expenditures made directly by the Department as represented by the above table, under the heading of "Direct Charges," included the following:

Resurfacing of old pavement with new bituminous macadam three inches to eight inches in depth, 94,956 square yards, at a cost of \$130,207.14.

Heavy surface treatment with bituminous material and stone from one-half inch to one inch in depth, 7,810 square yards, at a cost of \$1,949.89.

Light surface treatment with bituminous material and cover, 5.86 miles, at a cost of \$5,605.68.

Restoring in a permanent manner 38,967 square yards of macadam pavement which had broken through as a result of the army truck traffic, at a cost of \$94,163.51.

Miscellaneous repairs to pavements, shoulders, ditches and guard railing by gang labor on 106 miles, at a cost of \$23,903.31.

Cost of materials for construction of 3.17 miles of new concrete pavement where work was performed by contract \$64,173.12.

| | |
|---|----------|
| New concrete culverts | \$154 55 |
| Widening and banking pavements, 280 square yards, at a cost of..... | 184 00 |
| Widening roadway, 3.74 miles, at a cost of..... | 7,259 62 |
| Miscellaneous improvements, at a cost of..... | 275 00 |

Of the seven contracts awarded, all have been completed and accepted with the exception of R. C. No. 1166, which provides for the repair and reconstruction of all of the broken areas on the main line across Seneca County.

The total contract price of this contract is \$68,196.40 and the total amount of work performed at the close of the season is \$58,418.27, leaving \$9,778.13 as the value of the work yet to be performed on this contract.

The principal reason for the non-completion of this contract is that the crushed stone was produced by the contractor with a local crusher on the site of the work, which required a much larger force of laborers than where the material was shipped in from commercial sources of supply. The general scarcity of labor throughout the season made it difficult for this contractor to progress work at a normal rate of speed.

The expenditures from this fund were made for work performed in the various counties traversed by the army trucks, as follows:

| <i>County</i> | <i>Amount</i> |
|------------------|---------------|
| Erie | \$1,712 79 |
| Genesee | 165,803 49 |
| Livingston | 52,616 50 |
| Monroe | 79,506 06 |
| Ontario | 256,618 75 |
| Seneca | 77,660 43 |
| Cayuga | 19,166 10 |
| Onondaga | 15,823 10 |
| Madison | 3,968 73 |

| County | Amount |
|-------------------|-------------|
| Oneida | \$16,834 63 |
| Herkimer | 1,969 68 |
| Montgomery | 51,215 90 |
| Albany | 3,986 95 |
| Rensselaer | 3,817 56 |
| Columbia | 56,818 10 |
| Dutchess | 10,439 43 |
| Putnam | 4,749 98 |
| Westchester | 484 14 |
| Orange | 3,495 08 |

The individual sections of macadam pavement which were destroyed varied from a few feet to a mile in length, the ordinary condition being lengths of 200 feet to 1,000 feet of broken pavement, with intervening stretches of somewhat greater lengths of pavement which did not present any appreciable deterioration from the extraordinary traffic.

The limited funds available would only permit the reconstruction of the sections that were actually destroyed. A tentative rule in the reconstruction was to extend all new sections to a minimum length of two hundred feet and to make the new work continuous where the intervening sections of unbroken pavement were less than three hundred feet in length.

As an illustration, Repair Contract No. 1159 provided for the reconstruction of twenty separate sections with new concrete pavement, aggregating 3.17 miles in length. These twenty separate sections are distributed over eleven miles of the main route between Geneva and Canandaigua. In view of the necessity of maintaining traffic over this important highway, the concrete pavement was constructed in two longitudinal strips, each nine feet in width. By this method, a single track roadway was maintained adjacent to the work. This plan worked out satisfactorily where the individual sections were not over 1,000 feet in length and where it was possible for drivers to observe the entire length of the single track roadway before entering thereon. Where the sections were over 1,000 feet in length and where it was impossible to observe the entire length of the single track, much confusion with unsatisfactory traffic conditions prevailed.

As a result of our experience, it would appear necessary where it is proposed to construct a new concrete pavement in two strips and maintain traffic by a single track roadway, that the pavement be built in sections not to exceed 1,000 feet in length, leaving intervening sections of not less than 300 feet of the old roadway for passing points of the two-way traffic. After the two longitudinal strips have been completed and opened to traffic, the intervening sections may be constructed.

Following the practice of several years, the total expenditures for maintenance and repair have been distributed to the various types of pavements upon which the funds have been expended.

This distribution for the year 1918 has been combined with the experience of the past three years, and in the following table is shown the average cost per year and the average number of miles maintained for a period of four years, 1915 to 1918 inclusive, for the types of pavement having a material mileage represented in the State Highway system. Types of pavement having a limited mileage have been eliminated from the table.

In this table, the cost of reconstruction to a different type of pavement has not been distributed, as it would not seem a proper charge against the maintenance of a macadam pavement to charge the cost of reconstructing same with a new concrete pavement, which has been occasioned by an increase in traffic conditions, requiring a more permanent type of pavement. Where a macadam pavement has been resurfaced, which resurfacing is naturally to be expected with such a type of pavement, the cost has been distributed to the maintenance of the particular type of pavement.

Table

Average cost per mile per year for four years 1915 to 1918, for maintenance, repair and resurfacing but not including reconstruction to a more permanent type:

| | |
|---|----------------|
| 2,793 Miles bituminous macadam, penetration | |
| method | \$490 per mile |
| 89 Miles bituminous macadam, mixing | |
| method | 356 per mile |
| 2,451 Miles waterbound macadam | 911 per mile |

| | |
|--------------------------------------|--------------|
| 173 Miles gravel | 843 per mile |
| 208 Miles first class concrete..... | 138 per mile |
| 291 Miles second class concrete..... | 938 per mile |
| 284 Miles brick | 210 per mile |
| Total 6,333 miles of all types..... | 659 per mile |

The average cost of maintaining the various types of pavements as set forth above should be the most reliable of any similar information published, which is the result of experience on this continent, as the number of miles involved as represented in the above table is greater than that of any other state or municipality and, combining the costs of four years, for such a large mileage, should give a reliable comparison of average cost of maintenance and repair of the various types of pavement ordinarily used for country highway improvement.

I desire to repeat the recommendation contained in my annual reports for several years past, which is in effect that traffic upon the improved highways should be controlled by legislative enactment to the extent of limiting the gross load of vehicle permissible upon the highways.

The number of motor trucks and busses operating over the long stretches of improved highways is increasing rapidly from year to year.

The records of the Secretary of State indicate that the total number of trucks and busses registered in the year 1915 was 23,411, while in 1918 the total number of such vehicles registered was 93,324, an increase of three hundred per cent. in three years.

The size and carrying capacity of the vehicles are also increasing from year to year.

The truck interests are now advocating a uniform motor vehicle law authorizing a gross load of fourteen tons, with a speed of twenty miles per hour.

The State, counties and towns have approximately two hundred million dollars invested in highways, improved with a type of pavement designed to carry with safety a gross load of four tons, moving about four miles per hour.

What the result will be when a number of these heavy motor vehicles of fourteen tons gross load, traveling twenty miles per

hour, are installed as regular freight carriers operating over long stretches of pavements that were never designed for such traffic, should be considered at this time and if it is decided to permit the operation of motor trucks and busses without restriction as to the gross load, some provision should be made for a method of financing the cost of reconstructing the macadam pavement with a pavement of more permanent type, other than by direct appropriation.

This is no dream of the future as we now have freight trucks making daily trips from Buffalo to Rochester, Rochester to Syracuse, Utica to Albany, Albany to Poughkeepsie, and large numbers of shorter trip routes.

This traffic is here to stay, but it can be regulated and still remain profitable, and such regulation will permit the people of the State to obtain a fair return for the money already invested.

Based on observation of the effect of this heavy traffic on the improved highways of the State, I would recommend that the gross load of any vehicle operating regularly over the improved highways be restricted by legislation to seven tons, except where permit from the State Highway Commission is obtained to operate a vehicle of greater weight up to twelve tons gross load.

By this method, the Commission may control the traffic of the heavy vehicles, both as to highways which may be traveled by this class of traffic and restrictions as to operation during the spring months.

There may be no appreciable damaging effect of an occasional heavy load traveling over a macadam pavement in the summer months, even though the bond between the fragments of stone be broken, as the lighter traffic tends to unite and rebuild the fragments of the mineral aggregate of the pavement.

With a limited amount of heavy traffic, the only apparent damage is the formation of depressions in the surface of the macadam pavement, which becomes rough and uneven.

As the volume of heavy traffic increases, the effect is more apparent, the depressions become more pronounced, the bond is destroyed and the pavement displaced and shoved out and up at the edges.

In some sections where the macadam pavements are thus being destroyed, an effort is being made to reinforce the same by a nar-

row strip of concrete laid along the edges of the pavement on each side thereof.

All of these remarks apply to summer conditions when the subsoil is in a more or less stable condition.

But the result of this overloading of the pavement beyond the limits for which it was designed is much more apparent in the spring and early summer, after the unstabilizing effect of frost on the subsoil, and during the period while the subsoil is regaining its stability after the frost leaves the ground.

Should the climatic conditions during the winter season be favorable to producing an unstable condition of the subsoil, after the frost leaves the ground, the thin macadam pavements weave and buckle under the heavy loads and break through and are destroyed in numerous areas of varying extent.

Even with the restrictions to traffic herein recommended, it will be necessary to reconstruct a large amount of the improved highway system with a more substantial pavement within the next few years.

Respectfully submitted,

FRED W. LARR,

Second Deputy Commissioner.

REPORT OF THIRD DEPUTY-- BUREAU OF TOWN HIGHWAYS

ALBANY, N. Y., February 1, 1919

HON. EDWIN DUFFEY, *Commissioner of Highways, Albany, N. Y.:*

DEAR SIR.— I have the honor to submit the annual report of the Bureau of Town Highways for the fiscal year ending October 31, 1918.

The town highway system, consisting in round numbers of 71,000 miles of public highways, and 33,000 bridges, is now recognized as one of the chief assets of the Empire State. The initial movement made by the Legislature to aid the towns to repair the earth roads, located outside of villages and cities, has developed an auxiliary system of improved roads to that of the State system.

The mileage of town highways which have been improved either of gravel, macadam, bituminous or concrete since the date this Bureau was established, in round numbers, are 13,000 miles.

This achievement has been accomplished by the steady increase of funds made available to the towns. At the present time, thirty-one of the fifty-seven counties are assisting the towns by raising a tax, collected as a county tax under the provisions of Section 320 and 320-A of the Highway Law. The State appropriating \$2,050,000 from its General Fund, and \$1,400,000 from motor vehicle fees. These amounts, together with a portion of the Town Highway Tax, allows approximately \$7,000,000 available for permanent improvements and approximately \$5,000,000 to be expended for the general repair of all town highways, repair and construction of bridges, repair and purchase of road machinery and for the removal of snow and other miscellaneous purposes.

The accounting of these funds requires constant attention by this Bureau. Each account as carried by the town officials of the 932 towns is examined by the district supervisors of this Bureau, and in turn their reports are examined and verified at this office before becoming effective.

Since making my last report, a "Time Book" to be used by all

Town Superintendents has been included in the system of accounting. We find these books to be of great aid to the town officials.

The highways and bridges on the Indian Reservations are gradually being included in the same category as those in the Town Highway System. The amount of \$60,000 was appropriated by the State during the past year for this class of work. Of this amount \$28,000 was used towards the construction of a long span bridge on the Allegany Reservation, which was obligated by contract in the same manner as are awarded the contracts for State and County highways. The remaining amount has been used for the general repair and improvement of the 356 miles of highways and their intersection bridges located within the seven reservations.

The permanent improvements made by the Town Highway System during the past year consist of the following:

7,219 culverts; 402 bridges, varying in span from five feet to over 100 feet; 459 miles of macadam or similar type; 235 miles of gravel and 7 miles of concrete highways.

The mileage of town highways now improved totals 6,209 miles of town macadam or of similar construction; 6,712 miles of gravel; 24 miles of concrete and warrenite.

There are 700 miles of improved "county roads" located in the counties of Franklin, Nassau, Putnam, Rockland and Onondaga which are financed at the sole expense of the county where located.

The following statement shows the amount of receipts, expenditures and balances on hand in the Highway, Bridge, Machinery and Miscellaneous funds of the Town Highway Account.

Statement of Town Highway Accounts

| Fund | Receipts | Expenditures | Balance |
|------------------------|-----------------|----------------|----------------|
| 1. Highway | \$9,046,902 26 | \$7,067,937 15 | \$1,978,965 11 |
| 2. Bridge | 1,532,666 44 | 1,135,079 41 | 397,587 03 |
| 3. Machinery | 465,652 43 | 381,068 62 | 84,583 81 |
| 4. Miscellaneous | 969,102 60 | 839,153 94 | 129,948 66 |
| Total | \$12,014,323 73 | \$9,423,239 12 | \$2,591,084 61 |
| Deduct | 112,430 23 | 112,430 23 | ..... |
| Totals | \$11,901,893 50 | \$9,310,808 89 | \$2,591,084 61 |

NOTE.—The amount \$112,430.23 was transferred from one fund to another, therefore, to show the actual amount of receipts and expenditures it is necessary to make this reduction.

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The above amount \$11,901,893.50 which was available for town highway purposes during the year 1918 includes \$2,046,916.37 paid by the State as State aid and \$968,575.16 derived from motor vehicle fees as allotted by the various Boards of Supervisors (approximately \$500,000 balance of motor vehicle fees received by the counties during the year has not been allotted to the towns at this date).

During the year each town highway account was examined by the District Supervisors and as a result of such examination, corrections were made which will be adjusted by the town officials in their accounts kept for the present year.

STATEMENT OF AUDIT

Credits

| | |
|--|-------------|
| Amount reimbursed to highway, bridge and miscellaneous funds | \$35,514 46 |
|--|-------------|

Debits

| | |
|---|-----------|
| Amount charged to the highway, bridge and miscellaneous funds | 17,800 18 |
|---|-----------|

Difference

| | |
|--|-----------|
| Amount reimbursed by cash to the highway account | 17,714 28 |
|--|-----------|

These corrections affect 435 of the 932 towns and vary from a few cents to hundreds of dollars, due largely to the misconceptions of the Highway Law and Town Law by town officials. Many of the items are found to be charged against the wrong fund and are adjusted in the following year's account.

Tabulated statements showing in detail the receipts and expenditures for town highway purposes in each town are given herewith, all of which is

Respectfully submitted,

BENJ. J. RICE,
Third Deputy.

**STATEMENT SHOWING RECEIPTS AND EXPENDITURES
IN REGARD TO TOWN HIGHWAYS AND BRIDGES IN
EACH TOWN**

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ALBANY COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Berne..... | 135 | \$2,100 00 | \$10,226 47 | \$8,201 41 | \$2,025 06 | \$1,281 19 | \$1,287 06 | \$24 14 | \$54 37 | \$35 19 | \$16 18 | \$256 49 | \$285 33 | \$55 54 |
| Bethlehem..... | 109 | 3,289 19 | 23,120 49 | 20,324 45 | 2,796 04 | 3,016 84 | 2,914 02 | 102 82 | 553 37 | 553 37 | 432 66 | 2,316 05 | 1,997 80 | 328 25 |
| Coeymans..... | 96 | 2,450 00 | 12,510 07 | 8,773 33 | 4,038 24 | 6,127 43 | 664 43 | 4,463 99 | 521 20 | 88 54 | 432 66 | 2,390 39 | 2,307 45 | 83 94 |
| Co'tine..... | 127 | 7,500 00 | 28,876 44 | 26,812 89 | 3,063 54 | 500 00 | 500 00 | ..... | 500 00 | 500 00 | ..... | 1,678 51 | 1,002 89 | 675 62 |
| Guiderland..... | 136 | 2,100 00 | 10,984 43 | 7,731 54 | 3,252 89 | 3,630 06 | 3,370 62 | 259 43 | 513 68 | 513 68 | 12 06 | 1,933 49 | 1,851 77 | 82 33 |
| Knox..... | 86 | 1,200 00 | 7,107 49 | 3,723 20 | 3,375 29 | 464 80 | 287 06 | 207 74 | 103 85 | 99 63 | 4 23 | 358 86 | 337 40 | 21 46 |
| New Scotland..... | 145 | 2,875 00 | 12,789 27 | 9,941 75 | 2,847 52 | 2,152 67 | 766 69 | 1,386 08 | 709 90 | 238 99 | 470 91 | 3,243 55 | 3,211 11 | 33 44 |
| Russelsville..... | 144 | 2,365 20 | 11,286 53 | 4,053 03 | 7,234 80 | 1,000 00 | 997 89 | 2 11 | 483 48 | 483 48 | ..... | 1,018 85 | 504 55 | 514 30 |
| Westerlo..... | 140 | 2,500 00 | 11,403 96 | 10,397 03 | 1,006 93 | 1,009 66 | 446 16 | 163 50 | 503 82 | 497 59 | 6 33 | 2,285 31 | 1,884 25 | 371 57 |
| Totals..... | 1,002 | \$26,439 23 | \$128,306 13 | \$96,975 53 | \$29,330 60 | \$17,723 63 | \$11,178 83 | \$6,608 81 | \$3,954 83 | \$3,012 47 | \$942 26 | \$15,481 50 | \$13,411 40 | \$2,070 10 |

ALLEGANY COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and cellu- lous fund | Total ex- penditures for snow and cellu- lous fund | Balance in snow and cellu- lous fund |
|----------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|--|
| Alfred..... | 64 | \$1,000.00 | \$4,046.61 | \$4,584.93 | \$71.79 | \$358.96 | \$377.98 | \$7.98 | \$335.76 | \$332.16 | \$3.60 | \$303.57 | \$133.74 | \$99.83 |
| Allen..... | 63 | 1,200.00 | 4,450.61 | 3,434.24 | 1,016.41 | 455.91 | 323.61 | 133.29 | 334.41 | 334.41 | 0.00 | 303.14 | 153.74 | 43.59 |
| Alma..... | 65 | 1,375.00 | 4,900.66 | 4,089.58 | 809.11 | 941.73 | 323.61 | 598.01 | 374.41 | 374.41 | 0.00 | 783.78 | 533.04 | 280.74 |
| Almond..... | 66 | 2,200.00 | 6,230.08 | 5,150.15 | 1,079.93 | 1,083.10 | 981.20 | 83.81 | 387.34 | 316.89 | 70.45 | 990.17 | 279.77 | 107.35 |
| Ashby..... | 63 | 1,000.00 | 3,411.12 | 3,207.38 | 203.74 | 1,745.53 | 1,318.11 | 427.42 | 373.64 | 373.64 | 0.00 | 990.17 | 673.33 | 246.85 |
| Ashley..... | 74 | 1,800.00 | 5,345.65 | 4,611.59 | 734.06 | 3,081.24 | 2,395.11 | 686.13 | 573.43 | 573.43 | 0.00 | 1,246.10 | 437.55 | 1.24 |
| Aurora..... | 66 | 1,400.00 | 5,140.63 | 4,666.31 | 474.32 | 5,365.43 | 3,417.95 | 1,947.48 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Barnes..... | 72 | 1,800.00 | 5,784.73 | 5,088.38 | 696.35 | 2,733.50 | 2,749.04 | 14.54 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Berkshire..... | 63 | 1,300.00 | 4,474.13 | 3,080.39 | 1,393.74 | 1,324.60 | 2,749.04 | 574.37 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Bolton..... | 63 | 1,300.00 | 4,474.13 | 3,080.39 | 1,393.74 | 1,324.60 | 2,749.04 | 574.37 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Burns..... | 48 | 1,235.00 | 4,166.46 | 3,448.11 | 718.35 | 1,330.14 | 2,749.04 | 574.37 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Cananda..... | 66 | 1,650.00 | 5,171.20 | 4,183.26 | 987.94 | 7,896.85 | 4,940.67 | 2,956.18 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Casterville..... | 66 | 1,200.00 | 4,559.76 | 3,852.21 | 707.55 | 648.00 | 1,083.56 | 540.03 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Charlottesville..... | 64 | 1,350.00 | 4,634.34 | 3,534.34 | 1,100.00 | 1,464.01 | 568.24 | 895.77 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Cuba..... | 73 | 1,825.00 | 7,053.90 | 6,715.75 | 338.15 | 2,507.96 | 2,501.31 | 6.65 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Friendship..... | 63 | 1,050.00 | 3,445.43 | 3,088.74 | 356.69 | 1,863.32 | 1,863.32 | 0.00 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Genesee..... | 63 | 1,000.00 | 4,834.18 | 3,159.06 | 1,675.12 | 1,608.87 | 2,749.04 | 868.83 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Granger..... | 66 | 1,625.00 | 4,913.22 | 4,013.22 | 900.00 | 1,608.87 | 2,749.04 | 868.83 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Grove..... | 66 | 1,625.00 | 4,913.22 | 4,013.22 | 900.00 | 1,608.87 | 2,749.04 | 868.83 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Hume..... | 72 | 1,900.00 | 6,208.70 | 5,103.59 | 1,105.11 | 5,441.41 | 3,569.16 | 1,872.25 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Independence..... | 72 | 1,900.00 | 6,208.70 | 5,103.59 | 1,105.11 | 5,441.41 | 3,569.16 | 1,872.25 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| New Hudson..... | 70 | 1,900.00 | 7,085.41 | 6,304.71 | 780.70 | 1,140.58 | 1,570.61 | 570.07 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Rushford..... | 75 | 1,980.00 | 7,013.13 | 6,112.70 | 900.43 | 1,013.61 | 789.74 | 223.87 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Rockwell..... | 63 | 1,550.00 | 4,878.39 | 3,604.58 | 1,273.81 | 683.84 | 296.24 | 387.60 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Scio..... | 53 | 1,325.00 | 4,612.64 | 3,822.64 | 789.99 | 1,619.63 | 1,515.44 | 104.19 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Wadsworth..... | 67 | 1,475.00 | 5,272.33 | 4,445.61 | 826.72 | 1,619.63 | 1,515.44 | 104.19 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| West Almond..... | 87 | 1,475.00 | 5,272.33 | 4,445.61 | 826.72 | 1,619.63 | 1,515.44 | 104.19 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Willing..... | 76 | 1,900.00 | 4,830.06 | 4,527.58 | 302.48 | 1,388.60 | 1,333.28 | 55.32 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| W.Vt..... | 74 | 1,850.00 | 6,056.96 | 5,032.86 | 1,024.10 | 1,444.54 | 992.38 | 452.16 | 573.43 | 573.43 | 0.00 | 303.57 | 1,246.10 | 1.24 |
| Total..... | 1,894,943,965 | \$159,838 | \$19,613,006 | \$9,621,831 | \$9,991,175 | \$66,268 | \$12,646,605 | \$6,354,932 | \$8,751,40 | \$8,751,40 | \$3,588,40 | \$17,778,65 | \$5,673,73 | \$3,823,67 |

BROOME COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available to high- way fund | Total ex- penditures way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-------------|--|-----------------------|--|-------------------------------------|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Barber | 83 | \$3,000 00 | \$7,475 77 | \$4,694 39 | \$3,777 38 | \$1,824 26 | \$1,479 73 | \$354 53 | \$608 42 | \$345 92 | \$263 50 | \$322 02 | \$322 02 | ..... |
| Binghamton | 59 | 1,475 00 | 19,345 11 | 9,575 31 | 9,770 80 | 3,556 49 | 2,158 43 | ..... | 317 73 | 517 73 | ..... | 716 25 | 413 23 | ..... |
| Chemango | 73 | 1,320 00 | 4,245 90 | 3,075 42 | 3,176 39 | 2,307 98 | 2,138 31 | ..... | 340 00 | 111 73 | 58 30 | 710 10 | 402 08 | \$10 21 |
| Cattaraugus | 160 | 3,411 41 | 10,623 33 | 5,073 80 | 5,073 42 | 3,707 81 | 2,751 13 | 489 81 | 1,258 51 | 1,231 37 | 27 17 | 438 87 | 357 14 | 13 24 |
| Cornell | 54 | 1,300 00 | 4,053 40 | 3,513 81 | 3,713 56 | 2,070 50 | 877 97 | 1,192 53 | 400 00 | 380 01 | 19 09 | 385 21 | 393 23 | 13 70 |
| Dickinson | 77 | 293 71 | 3,136 44 | 3,543 81 | 428 11 | 1,06 00 | 877 97 | 1,192 53 | 400 00 | 380 01 | 19 09 | 385 21 | 393 23 | 13 70 |
| Denon | 77 | 1,400 00 | 3,860 23 | 2,970 53 | 3,653 54 | 1,06 00 | 1,004 50 | 1,004 50 | 150 84 | 168 84 | 41 64 | 377 73 | 315 00 | 62 73 |
| Kirkwood | 66 | 1,000 00 | 3,366 43 | 2,005 72 | 1,363 50 | 1,06 00 | 1,004 50 | 1,004 50 | 150 84 | 168 84 | 41 64 | 377 73 | 315 00 | 62 73 |
| Lake | 81 | 2,025 00 | 5,004 51 | 7,004 51 | 1,328 50 | 2,851 54 | 1,097 73 | 1,091 58 | 957 17 | 937 20 | 39 55 | 838 10 | 286 41 | 110 34 |
| Maine | 99 | 2,475 00 | 5,864 56 | 4,535 43 | 1,329 13 | 1,324 82 | 1,247 04 | 612 28 | 398 53 | 387 41 | 10 89 | 903 99 | 695 77 | 207 22 |
| Nanticoke | 43 | 500 00 | 1,600 50 | 1,429 06 | 1,399 13 | 1,247 04 | 1,247 04 | ..... | 100 00 | 83 43 | 16 57 | 708 73 | 237 28 | 63 00 |
| Sauquoit | 187 | 3,600 00 | 16,309 50 | 14,080 97 | 2,228 53 | 2,451 89 | 2,369 06 | 1,856 04 | 1,015 53 | 1,003 19 | 8 34 | 708 73 | 419 85 | 267 88 |
| Tioga | 67 | 1,675 00 | 3,431 84 | 2,993 56 | 497 99 | 2,496 03 | 4,794 18 | 25 94 | 1,065 23 | 1,065 17 | 6 01 | 833 19 | 220 83 | 211 06 |
| Union | 70 | 1,788 00 | 3,914 04 | 3,914 04 | ..... | 3,914 04 | 4,794 18 | 25 94 | 300 00 | 270 01 | 29 99 | 913 39 | 851 81 | 65 58 |
| Vestal | 113 | 4,800 00 | 5,573 89 | 5,153 81 | 420 98 | 3,670 12 | 3,643 49 | 16 63 | 310 67 | 302 71 | 7 96 | 941 90 | 350 35 | 140 41 |
| Windsor | 194 | 3,600 00 | 8,136 41 | 7,664 98 | 471 43 | 3,110 86 | 1,921 92 | 189 08 | 725 72 | 686 06 | 40 64 | 933 31 | 473 90 | 113 64 |
| Total | 1,437 | \$31,644 77 | \$109,132 55 | \$86,704 12 | \$22,428 43 | \$32,791 58 | \$25,747 85 | \$7,043 73 | \$48,133 05 | \$7,388 90 | \$714 15 | \$10,023 50 | \$5,802 00 | \$1,100 40 |

CATTARAUGUS COUNTY

[illegible]

CAYUGA COUNTY

| TOWNS | No. number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for masonry fund | Total expenditures for masonry fund | Balance in masonry fund | Total available for miscellaneous fund | Total expenditures for miscellaneous fund | Balance in miscellaneous fund |
|-----------------|----------------------------------|--------------------|-----------------------------------|--------------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------|----------------------------------|-------------------------------------|-------------------------|--|---|-------------------------------|
| Aurulus..... | 66 | \$1,650 00 | \$13,333 17 | \$13,306 27 | \$23 90 | \$437 15 | \$8 09 | \$439 06 | \$853 20 | \$853 20 | \$160 77 | \$1,353 76 | \$1,353 76 | \$408 98 |
| Britton..... | 53 | 1,800 00 | 7,160 83 | 4,834 11 | 2,316 53 | 764 14 | 47 49 | 716 65 | 383 48 | 1,405 66 | 68 29 | 1,405 66 | 1,405 66 | 73 36 |
| Cato..... | 67 | 1,610 00 | 7,322 78 | 4,483 25 | 2,739 53 | 577 67 | 78 89 | 204 68 | 264 50 | 1,536 35 | 68 29 | 1,536 35 | 1,536 35 | ..... |
| Conquest..... | 67 | 1,800 00 | 6,665 82 | 6,434 43 | 2,231 64 | 174 75 | 317 02 | 189 20 | 100 00 | 1,236 50 | 68 29 | 1,236 50 | 1,236 50 | ..... |
| Fleming..... | 54 | 1,000 00 | 7,363 30 | 7,367 66 | 5 64 | 174 75 | 43 92 | 131 83 | 199 23 | 609 92 | 96 18 | 609 92 | 609 92 | 258 03 |
| Genoa..... | 77 | 1,500 00 | 9,597 66 | 7,554 50 | 2,040 66 | 345 33 | 215 83 | 39 51 | 1,084 01 | 1,084 01 | 109 91 | 1,084 01 | 1,084 01 | 8 30 |
| Ira..... | 73 | 1,825 00 | 10,242 00 | 8,095 65 | 35 70 | 391 30 | 323 90 | 323 90 | 496 93 | 496 93 | 109 91 | 496 93 | 496 93 | 8 30 |
| Leeds..... | 85 | 1,800 00 | 4,676 54 | 4,684 80 | 661 72 | 372 30 | 197 27 | 102 73 | 325 19 | 325 19 | 109 91 | 325 19 | 325 19 | 15 72 |
| Leeds..... | 53 | 900 00 | 7,075 99 | 7,075 99 | ..... | 500 00 | 500 00 | ..... | 250 00 | 250 00 | ..... | 250 00 | 250 00 | 251 75 |
| Leeds..... | 40 | 1,000 00 | 8,373 97 | 8,013 32 | 1,470 36 | 973 04 | 633 75 | 338 29 | 177 93 | 117 76 | 60 17 | 1,470 36 | 1,470 36 | 28 37 |
| Montezuma..... | 52 | 1,300 00 | 10,102 85 | 9,984 59 | 1,118 26 | 986 11 | 993 11 | ..... | 836 04 | 836 04 | 60 17 | 1,118 26 | 1,118 26 | 141 58 |
| Niles..... | 83 | 2,050 00 | 10,353 77 | 9,984 55 | 519 22 | 1,114 03 | 1,094 09 | 19 94 | 350 00 | 350 00 | 1 63 | 1,114 03 | 1,114 03 | 64 59 |
| Owasco..... | 45 | 1,373 00 | 5,775 96 | 5,775 96 | 4,516 43 | 1,259 53 | 211 88 | 446 04 | 419 84 | 63 60 | 1 63 | 63 60 | 63 60 | ..... |
| Salida..... | 79 | 1,500 00 | 7,415 99 | 6,383 64 | 1,032 35 | 260 39 | ..... | 260 39 | 415 04 | 302 67 | 112 47 | 967 14 | 967 14 | 241 13 |
| Saugerties..... | 67 | 1,675 00 | 3,994 99 | 3,456 08 | 538 91 | 108 47 | 75 37 | 383 77 | 1,715 08 | 1,715 08 | 112 47 | 803 99 | 803 99 | 758 44 |
| Bennett..... | 63 | 1,575 00 | 10,026 39 | 8,727 77 | 1,298 62 | 948 45 | ..... | 948 45 | 674 94 | 384 47 | 380 47 | 979 19 | 979 19 | 230 40 |
| Springport..... | 47 | 1,775 00 | 7,911 89 | 6,816 21 | 1,095 68 | 232 15 | 114 69 | 383 77 | 205 46 | 205 46 | 380 47 | 313 43 | 313 43 | 7 96 |
| Sterling..... | 104 | 2,600 00 | 11,802 27 | 11,348 99 | 453 28 | 232 15 | 232 15 | 33 11 | 661 53 | 661 53 | ..... | 3,136 43 | 3,136 43 | 20 86 |
| Sumnerhill..... | 61 | 900 00 | 6,026 31 | 5,876 26 | 150 05 | 549 61 | 206 68 | 33 11 | 511 25 | 511 25 | ..... | 587 30 | 587 30 | ..... |
| Throop..... | 53 | 1,325 00 | 9,970 84 | 9,153 48 | 817 36 | 705 88 | 498 83 | 207 06 | 102 92 | 102 92 | 139 75 | 781 87 | 781 87 | 578 40 |
| Verde..... | 87 | 2,175 00 | 9,781 38 | 7,029 18 | 2,752 20 | 765 34 | 66 82 | 578 53 | 338 09 | 338 09 | 139 75 | 739 99 | 739 99 | 53 63 |
| Victory..... | 76 | 1,900 00 | 8,653 23 | 8,616 26 | 36 96 | 650 00 | 256 60 | 393 40 | 335 00 | 335 00 | 44 56 | 2,064 50 | 2,064 50 | 54 80 |
| Total..... | 149 | \$24,467 98 | \$191,684 06 | \$199,388 86 | \$22,306 20 | \$12,028 73 | \$6,656 38 | \$5,372 38 | \$11,133 86 | \$9,707 67 | \$1,436 17 | \$24,703 60 | \$18,635 23 | \$1,896 37 |

CHAUTAUQUA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for mas- chinery fund | Total ex- penditures for mas- chinery fund | Balance in mas- chinery fund | Total available for snow & celleous fund | Total ex- penditures for snow and mas- chinery fund | Balance in snow and mas- chinery fund |
|--------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|---------------------------------------|--|--|---|
| Atewart | 67 | \$1,875 00 | \$3,494 12 | \$3,430 18 | \$63 96 | \$1,816 75 | \$1,256 06 | \$560 69 | \$112 13 | \$70 18 | \$32 95 | \$551 15 | \$419 21 | \$125 94 |
| Bass | 102 | 2,100 00 | 12,055 12 | 10,448 58 | 2,410 53 | 2,430 44 | 2,075 36 | 354 98 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Carroll | 60 | 1,000 00 | 36,000 72 | 6,500 00 | 29,527 91 | 701 41 | 2,075 36 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Charlotte | 108 | 1,000 00 | 1,995 37 | 6,500 00 | 1,044 67 | 1,044 67 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Chautauqua | 116 | 1,000 00 | 1,995 37 | 6,500 00 | 1,044 67 | 1,044 67 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Cherry Creek | 103 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Clymer | 70 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Dunkirk | 14 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Ellery | 97 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Ellicott | 69 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Elkington | 69 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| French Creek | 87 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Gerry | 89 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Hawver | 186 | 2,400 00 | 12,055 12 | 10,448 58 | 2,410 53 | 2,430 44 | 2,075 36 | 354 98 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Harmory | 134 | 2,400 00 | 12,055 12 | 10,448 58 | 2,410 53 | 2,430 44 | 2,075 36 | 354 98 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Kiantone | 34 | 1,440 00 | 4,653 34 | 4,653 34 | 5,716 63 | 3,896 67 | 3,896 67 | 325 01 | 1,176 00 | 239 08 | 67 15 | 600 00 | 447 00 | 153 00 |
| Malina | 60 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Pond | 96 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Poult | 83 | 2,100 00 | 11,908 17 | 10,448 58 | 1,459 59 | 1,459 59 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Portland | 83 | 2,100 00 | 11,908 17 | 10,448 58 | 1,459 59 | 1,459 59 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Ripley | 88 | 2,000 00 | 11,748 62 | 10,448 58 | 1,300 04 | 1,300 04 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Sheridan | 75 | 2,000 00 | 10,998 86 | 10,448 58 | 1,550 28 | 1,550 28 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Sherman | 64 | 1,000 00 | 4,522 20 | 4,522 20 | 3,002 13 | 3,002 13 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Stockton | 92 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Union | 91 | 1,000 00 | 3,125 39 | 6,500 00 | 1,374 61 | 1,374 61 | 571 88 | 479 58 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Victonia | 90 | 2,400 00 | 12,055 12 | 10,448 58 | 2,410 53 | 2,430 44 | 2,075 36 | 354 98 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Westfield | 90 | 2,400 00 | 12,055 12 | 10,448 58 | 2,410 53 | 2,430 44 | 2,075 36 | 354 98 | 239 38 | 239 12 | 154 26 | 1,000 00 | 953 63 | 46 37 |
| Total | 1,951 | \$44,462 09 | \$217,953 86 | \$162,535 43 | \$55,418 43 | \$44,909 73 | \$35,747 23 | \$9,162 50 | \$10,176 99 | \$10,176 99 | \$1,570 70 | \$18,198 34 | \$12,362 85 | \$1,835 49 |

CHEMUNG COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for masonry fund | Total expenditures for masonry fund | Balance in masonry fund | Total available for miscellaneous fund | Total expenditures for miscellaneous fund | Balance in snow and miscellaneous fund |
|-----------------|------------------------------|--------------------|-----------------------------------|--------------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------|----------------------------------|-------------------------------------|-------------------------|--|---|--|
| Ashland..... | 28 | \$745 91 | \$5,171 37 | \$4,801 37 | \$669 90 | \$2,325 78 | \$1,926 07 | \$399 96 | \$374 87 | \$540 43 | \$34 44 | \$1,783 73 | \$310 88 | \$187 47 |
| Bakewell..... | 63 | 1,975 00 | 7,016 59 | 2,877 43 | 4,439 16 | 1,753 78 | 1,739 80 | 15 98 | 112 68 | 110 26 | 2 42 | 83 42 | 81 90 | 21 52 |
| Big Flats..... | 89 | 1,800 00 | 8,180 11 | 7,303 95 | 4,876 16 | 1,207 40 | 1,184 71 | 23 89 | 200 00 | 161 90 | 38 10 | 1,200 00 | 131 31 | 289 19 |
| Cattlin..... | 68 | 1,800 00 | 5,040 79 | 4,436 06 | 614 78 | 538 61 | 306 25 | 232 86 | 184 88 | 142 80 | 12 68 | 360 00 | 109 08 | 33 32 |
| Chemung..... | 104 | 2,600 00 | 7,325 83 | 4,800 51 | 3,025 32 | 3,397 06 | 3,000 37 | 216 78 | 979 73 | 768 30 | 221 48 | 813 88 | 781 70 | 33 18 |
| Elmira..... | 50 | 1,850 00 | 7,885 94 | 6,174 87 | 1,711 37 | 608 17 | 800 41 | 7 76 | 857 60 | 647 87 | 9 88 | 1,414 08 | 104 50 | ..... |
| Erin..... | 98 | 1,800 00 | 5,088 91 | 4,805 83 | 533 28 | 1,229 07 | 1,214 25 | 14 81 | 274 46 | 374 45 | ..... | 74 87 | 57 65 | 4 92 |
| Horseheads..... | 73 | 1,800 00 | 3,968 85 | 3,873 85 | 115 47 | 1,065 00 | 1,008 86 | 56 94 | 185 16 | 183 96 | 21 90 | 1,080 73 | 93 86 | 26 86 |
| Southport..... | 110 | 2,750 00 | 11,668 33 | 11,692 36 | 5 97 | 2,604 28 | 2,336 38 | 217 90 | 207 57 | 188 96 | 18 61 | 408 71 | 190 98 | 205 78 |
| Van Etten..... | 87 | 1,440 00 | 5,354 89 | 5,242 78 | 112 17 | 1,829 29 | 1,270 14 | 569 15 | 547 73 | 499 08 | 68 69 | 783 57 | 103 70 | 2 72 |
| Veteran..... | 90 | 2,250 00 | 4,334 37 | 3,723 26 | 611 02 | 2,893 09 | 2,822 28 | 70 81 | 232 54 | 63 97 | 168 57 | 424 18 | 241 59 | 125 37 |
| Total..... | | \$75,18,710 91 | \$71,035 78 | \$58,831 28 | \$12,714 56 | \$19,543 67 | \$17,708 98 | \$1,944 74 | \$4,327 10 | \$3,740 48 | \$585 07 | \$8,426 80 | \$1,456 37 | \$999 23 |

CHENANGO COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Afton | 80 | \$2,000 00 | \$6,494 82 | \$5,538 78 | \$946 04 | \$2,836 16 | \$1,106 30 | \$1,730 86 | \$400 65 | \$349 08 | \$51 57 | \$370 83 | \$133 92 | \$215 91 |
| Bainbridge | 71 | 1,775 00 | 5,870 75 | 4,465 07 | 1,404 68 | 1,510 82 | 813 03 | 687 79 | 856 61 | 856 61 | 27 55 | 794 73 | 282 80 | 441 93 |
| Columbus | 83 | 1,854 80 | 6,672 96 | 5,972 92 | 7,700 04 | 1,683 60 | 1,505 64 | 188 06 | 485 23 | 487 63 | 27 55 | 212 70 | 187 67 | 25 03 |
| Coweney | 84 | 1,617 30 | 4,070 67 | 3,481 17 | 589 50 | 325 47 | 1,305 47 | ... | 150 00 | 150 00 | ... | 182 91 | 182 91 | ... |
| German | 55 | 1,163 00 | 2,239 58 | 2,230 58 | ... | 574 08 | 438 00 | 136 08 | 315 23 | 192 87 | 122 36 | 185 00 | 102 90 | 32 10 |
| Green | 145 | 2,800 00 | 8,756 70 | 7,572 17 | 1,184 53 | 1,612 91 | 1,143 57 | 469 34 | 577 02 | 359 58 | 217 45 | 1,468 30 | 386 42 | 1,043 03 |
| Guilford | 118 | 2,960 00 | 11,023 87 | 9,906 25 | 1,127 62 | 1,617 56 | 1,310 89 | 208 67 | 809 92 | 809 92 | ... | 1,223 35 | 425 27 | ... |
| Lincolnton | 58 | 882 36 | 3,457 87 | 3,824 14 | 2,823 73 | 582 86 | 386 19 | 476 67 | 452 13 | 33 95 | 27 72 | 262 29 | 16 20 | 5 33 |
| McDonough | 83 | 1,400 25 | 3,834 14 | 3,160 44 | 2,861 13 | 5,383 01 | 5,383 01 | ... | 102 18 | 349 95 | 46 49 | 262 29 | 205 00 | 57 29 |
| New Berlin | 88 | 2,200 00 | 6,081 57 | 5,665 68 | 2,665 68 | 5,560 34 | 1,514 83 | 15 51 | 312 98 | 218 16 | 94 82 | 618 26 | 268 90 | 249 36 |
| North Norwich | 51 | 883 90 | 3,245 24 | 2,579 65 | 1,990 28 | 1,327 80 | 1,316 59 | 8 21 | 910 76 | 876 90 | 46 86 | 113 77 | 137 17 | 61 33 |
| North | 75 | 1,875 00 | 6,307 77 | 5,108 49 | 2,041 49 | 2,008 84 | 1,553 92 | 1,449 92 | 491 02 | 174 68 | 316 43 | 234 63 | 205 92 | 28 71 |
| Norwich | 81 | 2,020 36 | 5,887 33 | 5,855 84 | 3,375 58 | 1,619 65 | 1,901 70 | 14 83 | 1,492 20 | 1,562 45 | 189 55 | 351 80 | 470 43 | 61 48 |
| Oswego | 113 | 2,753 52 | 7,766 37 | 6,390 82 | 1,375 55 | 1,619 65 | 1,901 70 | 14 83 | 1,492 20 | 1,562 45 | 189 55 | 351 80 | 353 23 | 41 57 |
| Pharvula | 68 | 1,500 00 | 3,308 92 | 2,314 91 | 989 01 | 1,283 23 | 1,283 23 | 201 12 | 1,692 30 | 1,692 30 | ... | 163 41 | 66 88 | 96 53 |
| Pleasant | 60 | 1,475 23 | 3,116 38 | 2,373 07 | 743 31 | 1,283 23 | 1,283 23 | 201 12 | 1,692 30 | 1,692 30 | ... | 163 41 | 66 88 | 96 53 |
| Plymouth | 88 | 1,651 50 | 4,103 00 | 3,157 96 | 945 04 | 2,539 50 | 767 96 | 1,761 54 | 739 81 | 135 61 | 604 20 | 236 18 | 112 38 | 76 12 |
| Preston | 57 | 1,425 00 | 3,155 79 | 1,812 78 | 1,343 03 | 2,433 35 | 767 96 | 1,761 54 | 739 81 | 135 61 | 604 20 | 236 18 | 112 38 | 76 12 |
| Shelburne | 96 | 2,333 04 | 7,581 61 | 4,838 83 | 2,743 78 | 889 93 | 268 61 | 641 32 | 929 00 | 906 25 | 86 44 | 789 40 | 496 73 | 101 44 |
| Smithville | 102 | 2,236 14 | 4,949 03 | 4,838 83 | 2,743 78 | 756 00 | 268 61 | 641 32 | 929 00 | 906 25 | 86 44 | 789 40 | 496 73 | 101 44 |
| Smyrna | 90 | 1,800 00 | 4,902 57 | 4,599 80 | 302 77 | 755 00 | 749 51 | 5 69 | 180 00 | 170 25 | 3 75 | 744 84 | 638 80 | 106 04 |
| Total | 1,476 | \$38,605 40 | \$130,462 20 | \$108,368 29 | \$24,133 94 | \$38,813 11 | \$20,112 06 | \$3,701 03 | \$10,464 53 | \$8,165 05 | \$2,319 49 | \$3,832 21 | \$3,477 58 | \$3,003 79 |

CLINTON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-----------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Albion | 98 | \$1,800 00 | \$1,743 99 | \$3,810 68 | \$933 31 | \$855 75 | \$855 75 | \$855 75 | \$100 60 | \$96 81 | \$3 71 | \$3,188 81 | \$2,188 81 | ..... |
| Ausable | 66 | 840 00 | 2,941 24 | 2,231 91 | 719 33 | 700 00 | 637 41 | 662 59 | 28 89 | 28 89 | ..... | 1,310 97 | 1,310 97 | ..... |
| Beekmantown | 97 | 1,872 46 | 4,346 31 | 2,872 23 | 1,474 08 | 1,146 84 | 474 43 | 672 41 | 546 91 | 268 43 | 248 48 | 2,478 76 | 3,338 26 | \$140 50 |
| Black Brook | 113 | 2,036 00 | 4,073 00 | 4,073 00 | ..... | 436 60 | 436 60 | ..... | 128 00 | 114 90 | 10 10 | 1,580 34 | 1,580 34 | ..... |
| Champlain | 88 | 1,680 00 | 5,641 89 | 3,913 12 | 1,728 77 | 1,731 93 | 303 30 | 1,418 63 | 278 45 | 268 50 | 9 95 | 2,346 75 | 1,742 04 | 603 71 |
| Chazy | 109 | 2,340 00 | 4,409 76 | 4,153 94 | 256 82 | 200 00 | 116 12 | 83 88 | 73 10 | 73 10 | ..... | 2,310 78 | 2,310 78 | ..... |
| Clinton | 88 | 2,200 00 | 5,365 75 | 5,345 04 | 20 71 | 221 30 | 221 30 | ..... | 313 43 | 183 09 | 131 34 | 1,326 11 | 1,326 11 | ..... |
| Danvers | 45 | 1,023 60 | 4,983 56 | 4,076 64 | 816 92 | 233 17 | 363 27 | 50 96 | 150 00 | 124 75 | 25 25 | 250 00 | 249 70 | 30 |
| Ellenburg | 111 | 2,775 00 | 7,509 66 | 6,804 19 | 905 47 | 1,970 76 | 1,861 53 | 109 21 | 742 31 | 742 31 | ..... | 1,300 00 | 1,214 53 | 85 48 |
| Moorea | 135 | 3,100 00 | 7,615 94 | 6,810 98 | 774 96 | 75 00 | 50 50 | 24 50 | 463 75 | 461 98 | 1 77 | 2,156 83 | 2,049 76 | 106 07 |
| Peru | 120 | 1,610 00 | 5,585 56 | 4,781 18 | 804 38 | 75 00 | 137 73 | 263 53 | 55 76 | 24 60 | 31 16 | 2,659 46 | 2,540 26 | 2,559 46 |
| Pittsborough | 103 | 1,250 00 | 6,014 00 | 3,656 42 | 2,357 58 | 400 26 | 137 73 | 263 53 | 264 85 | 171 47 | 93 38 | 2,107 00 | 2,105 95 | 1 05 |
| Saranac | 148 | 3,700 00 | 9,331 96 | 9,045 37 | 2,886 59 | 989 16 | 989 16 | ..... | 327 97 | 327 97 | ..... | 2,850 75 | 2,850 75 | ..... |
| Schuylers Falls | 53 | 720 00 | 2,131 38 | 1,816 73 | 314 65 | 769 67 | 537 49 | 233 06 | 97 26 | 97 26 | ..... | 1,727 31 | 1,727 31 | ..... |
| Total | 1,384 | \$38,947 06 | \$74,601 00 | \$43,210 43 | \$11,393 57 | \$10,083 61 | \$7,165 92 | \$2,916 09 | \$3,548 28 | \$3,013 06 | \$555 22 | \$27,491 87 | \$25,224 20 | \$937 11 |

COLUMBIA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Aneram..... | 93 | \$2,100 00 | \$5,644 96 | \$4,766 26 | \$878 70 | \$1,133 41 | \$568 45 | \$564 96 | \$300 00 | \$107 70 | \$192 30 | \$374 29 | \$340 33 | \$33 96 |
| Austerlitz..... | 93 | 1,800 00 | 3,634 37 | 3,331 48 | 302 89 | 1,019 37 | 871 95 | 77 42 | 155 57 | 155 57 | ..... | 51 83 | 29 10 | 22 73 |
| Canaan..... | 80 | 1,750 00 | 6,530 61 | 5,236 29 | 1,294 32 | 1,733 27 | 838 25 | 875 02 | 424 75 | 324 65 | 100 10 | 756 52 | 740 18 | 16 34 |
| Chatham..... | 150 | 3,500 00 | 10,836 29 | 10,491 74 | 344 55 | 1,306 02 | 1,209 97 | 96 05 | 150 00 | 149 04 | 94 96 | 1,163 97 | 1,162 05 | 93 93 |
| Chavreck..... | 102 | 2,500 00 | 8,058 85 | 5,372 32 | 2,686 53 | 5,017 27 | 1,634 77 | 3,382 50 | 257 79 | 83 95 | 173 84 | 1,000 51 | 470 99 | 529 52 |
| Chermon..... | 40 | 1,000 00 | 8,842 65 | 3,175 33 | 5,666 32 | 899 19 | 1,839 66 | 9 53 | 1,037 45 | 845 03 | 192 42 | 1,061 80 | 1,073 96 | 10 85 |
| Copake..... | 79 | 1,500 00 | 5,270 15 | 3,958 60 | 1,311 55 | 807 02 | 450 56 | 356 47 | 164 76 | 86 57 | 78 19 | 1,442 00 | 425 65 | 16 35 |
| Gallatin..... | 70 | 1,750 00 | 5,842 00 | 3,254 10 | 2,587 90 | 453 42 | 94 76 | 358 66 | 245 17 | 79 21 | 165 96 | 364 46 | 183 80 | 186 66 |
| Germanstown..... | 39 | 1,003 76 | 6,749 29 | 6,154 61 | 594 68 | 100 00 | 100 00 | ..... | 766 53 | 620 08 | 146 47 | 233 66 | 205 20 | 283 04 |
| Ghent..... | 112 | 2,250 00 | 6,913 70 | 6,122 59 | 791 11 | 1,388 91 | 1,381 56 | 7 35 | 506 53 | 485 09 | 21 74 | 737 25 | 633 75 | 24 71 |
| Greep rt..... | 38 | 1,000 00 | 3,161 28 | 3,034 84 | 126 44 | 1,442 28 | 1,437 38 | 4 90 | 95 58 | 94 98 | 91 90 | 397 24 | 184 35 | 197 89 |
| Hilldale..... | 101 | 2,080 00 | 5,375 98 | 3,938 67 | 1,437 31 | 352 59 | 201 65 | 150 94 | 137 52 | 76 81 | 61 71 | 18 09 | 13 25 | 2 34 |
| Kinderhook..... | 68 | 1,250 00 | 4,952 60 | 4,515 11 | 437 49 | 2,337 06 | 1,458 47 | 878 59 | 257 78 | 178 40 | 79 38 | 1,015 20 | 939 64 | 75 56 |
| Lavinton..... | 85 | 1,500 00 | 4,501 93 | 3,742 72 | 759 21 | 580 71 | 1,580 71 | ..... | 137 76 | 137 76 | ..... | 637 31 | 552 08 | 604 92 |
| New Lebanon..... | 87 | 1,200 00 | 6,481 29 | 3,007 41 | 3,473 88 | 1,010 30 | 231 40 | 778 90 | 140 00 | 78 75 | 60 25 | 322 13 | 322 13 | 22 38 |
| Stockport..... | 27 | 750 00 | 2,735 43 | 2,184 37 | 551 06 | 1,040 29 | 323 05 | 717 64 | 69 53 | 40 80 | 49 05 | 68 98 | 43 75 | 25 23 |
| Stuyvesant..... | 46 | 1,200 00 | 3,753 93 | 3,073 68 | 680 25 | 1,000 00 | 453 36 | 516 64 | 100 00 | 76 32 | 23 68 | 800 77 | 300 77 | 800 77 |
| Taghkanic..... | 69 | 1,530 00 | 3,243 01 | 3,168 69 | 74 32 | 1,015 64 | 806 95 | 148 69 | 200 01 | 156 07 | 43 94 | 518 20 | 398 33 | 91 42 |
| Total..... | 1,379 | \$29,713 76 | \$102,208 32 | \$78,539 31 | \$23,679 01 | \$22,666 65 | \$13,742 49 | \$8,924 16 | \$4,167 67 | \$3,776 78 | \$1,390 89 | \$9,476 21 | \$8,219 35 | \$1,256 86 |

CORTLAND COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow (and mis- cellaneous fund) | Total ex- penditures for snow (and mis- cellaneous fund) | Total ex- penditures for snow (and mis- cellaneous fund) | Balance in snow (and mis- cellaneous fund) |
|--------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|---|--|
| Cincinnati..... | 56 | \$640 00 | \$4,198 91 | \$3,968 73 | \$201 18 | \$1,017 09 | \$1,017 09 | ..... | \$233 57 | \$233 5 | ..... | \$319 56 | \$319 56 | \$319 56 | ..... |
| Cortlandville..... | 106 | 1,500 00 | 17,026 14 | 17,026 14 | ..... | 2,919 37 | 2,919 37 | ..... | 1,002 80 | 1,002 80 | ..... | 1,104 03 | 1,080 08 | 1,104 03 | ..... |
| Cuyler..... | 80 | 1,170 00 | 4,513 18 | 3,966 93 | 546 25 | 553 29 | 553 29 | ..... | 100 00 | 100 00 | ..... | 246 08 | 246 08 | 246 08 | ..... |
| Frestown..... | 55 | 1,375 00 | 5,876 03 | 3,159 65 | 2,716 37 | 689 83 | 264 72 | \$375 10 | 369 45 | 339 96 | \$42 53 | 262 80 | 118 35 | 249 02 | \$13 78 |
| Harford..... | 52 | 810 00 | 4,328 35 | 4,283 29 | 40 06 | 637 01 | 439 40 | 197 61 | 408 54 | 336 03 | 68 81 | 448 45 | 110 21 | 243 90 | 134 55 |
| Homer..... | 108 | 2,520 00 | 9,568 68 | 8,906 18 | 3,662 50 | 1,400 00 | 1,183 60 | 217 40 | 707 31 | 707 31 | ..... | 765 78 | 501 34 | 795 78 | ..... |
| Lapeer..... | 45 | 1,125 00 | 6,967 26 | 6,875 83 | 91 43 | 317 46 | 313 31 | 5 15 | 290 00 | 227 14 | 22 86 | 169 51 | 24 62 | 95 43 | 74 08 |
| Marathon..... | 49 | 1,225 00 | 4,633 87 | 4,524 56 | 109 31 | 908 74 | 776 20 | 132 54 | 778 08 | 655 26 | 122 82 | 631 18 | 194 60 | 573 34 | 48 84 |
| Preble..... | 57 | 700 00 | 3,449 51 | 2,971 23 | 478 28 | 549 31 | 549 31 | ..... | 186 87 | 187 87 | ..... | 238 44 | 167 80 | 173 80 | 64 64 |
| Scott..... | 55 | 1,375 00 | 4,061 60 | 2,000 20 | 1,871 40 | 523 11 | 419 97 | 103 14 | 133 72 | 18 90 | 104 82 | 360 80 | 125 56 | 125 56 | ..... |
| Solon..... | 58 | 1,224 00 | 3,320 35 | 2,796 37 | 523 98 | 676 96 | 368 55 | 308 41 | 101 23 | 20 73 | 80 50 | 369 81 | 110 20 | 316 00 | 175 84 |
| Taylor..... | 67 | 1,100 00 | 6,963 96 | 5,900 10 | 1,063 86 | 1,085 92 | 990 77 | 95 15 | 921 48 | 887 19 | 34 29 | 849 77 | ..... | 834 03 | 63 81 |
| Truxton..... | 85 | 1,350 00 | 3,201 87 | 1,578 46 | 1,623 41 | 986 13 | 694 81 | 291 81 | 262 51 | 197 57 | 54 94 | 118 48 | ..... | 68 17 | 18 74 |
| Virgil..... | 108 | 2,700 00 | 13,917 17 | 13,918 43 | 83 74 | 2,300 00 | 1,618 05 | 681 95 | 415 07 | 415 07 | ..... | 1,063 17 | 720 00 | 1,063 17 | 50 26 |
| Willitt..... | 57 | 1,260 00 | 6,380 85 | 6,319 19 | 61 66 | 571 40 | 514 09 | 57 40 | 269 31 | 238 23 | 38 99 | 326 86 | 2 00 | 236 07 | 20 82 |
| Total..... | 1,037 | \$20,274 00 | \$98,432 43 | \$85,329 20 | \$13,103 23 | \$15,085 63 | \$12,624 34 | \$2,461 29 | \$6,110 78 | \$5,341 51 | \$269 27 | \$7,006 66 | \$3,585 07 | \$6,401 90 | \$654 76 |

DELAWARE COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- penditures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|-------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Andes..... | 165 | \$3,150 00 | \$7,955 68 | \$7,717 09 | \$298 59 | \$885 08 | \$763 10 | \$121 98 | \$817 81 | \$771 51 | \$46 30 | \$1,029 05 | \$967 07 | \$1,013 55 |
| Bovina..... | 178 | 1,243 40 | 4,302 02 | 3,934 18 | 467 84 | 3,940 50 | 3,531 89 | 414 61 | 376 60 | 376 60 | ..... | 1,327 29 | 181 98 | 943 99 |
| Colebester..... | 187 | 4,073 00 | 12,785 24 | 12,474 44 | 310 79 | 3,247 54 | 3,184 81 | 62 73 | 503 53 | 498 09 | 6 44 | 1,030 27 | 186 80 | 457 11 |
| Davenport..... | 86 | 3,690 00 | 7,099 21 | 7,176 91 | 319 70 | 1,405 15 | 1,398 61 | 4 54 | 103 78 | 88 27 | 17 41 | 1,329 57 | 322 80 | 372 00 |
| Delhi..... | 106 | 2,650 00 | 3,781 80 | 3,178 02 | 314 98 | 1,400 15 | 1,374 12 | 26 03 | 530 21 | 541 10 | 9 03 | 1,513 82 | 650 70 | 112 79 |
| Depot..... | 77 | 1,200 00 | 3,453 06 | 2,949 26 | 503 75 | 1,294 22 | 1,239 05 | 55 17 | 341 21 | 310 83 | 30 38 | 1,918 82 | 151 50 | 918 84 |
| Franklin..... | 156 | 3,500 00 | 7,484 77 | 7,490 26 | 59 51 | 1,085 71 | 967 31 | 26 40 | 510 46 | 292 92 | 218 13 | 2,388 31 | 777 90 | 218 83 |
| Hamden..... | 92 | 1,200 00 | 4,485 85 | 3,480 24 | 1,005 61 | 1,265 40 | 1,208 95 | 56 45 | 574 38 | 574 38 | 317 40 | 2,425 01 | 247 65 | 2,183 85 |
| Hancock..... | 226 | 5,650 00 | 15,089 25 | 13,889 66 | 1,199 70 | 3,117 40 | 2,908 98 | 208 42 | 574 24 | 574 24 | ..... | 2,202 09 | 1,044 60 | 1,157 49 |
| Harpersfield..... | 81 | 1,050 00 | 4,112 60 | 3,882 57 | 230 03 | 1,444 71 | 1,416 29 | 28 42 | 300 00 | 290 11 | 9 89 | 1,400 23 | 344 52 | 1,055 71 |
| Kortright..... | 131 | 2,450 00 | 7,573 69 | 6,582 57 | 2,437 06 | 355 53 | 325 79 | 29 74 | 310 09 | 291 14 | 18 95 | 1,107 40 | 492 84 | 375 59 |
| Maunville..... | 92 | 2,800 00 | 7,022 50 | 6,585 50 | 2,437 00 | 1,536 57 | 1,077 24 | 458 33 | 109 35 | 104 90 | 18 45 | 1,000 00 | 176 93 | 176 93 |
| Meadville..... | 113 | 2,450 00 | 8,527 35 | 7,617 58 | 1,109 52 | 2,077 50 | 1,949 21 | 87 29 | 527 09 | 288 52 | 238 57 | 1,642 72 | 215 90 | 426 82 |
| Middletown..... | 156 | 2,725 00 | 8,125 52 | 7,728 98 | 1,069 87 | 2,077 50 | 1,949 21 | 128 29 | 527 09 | 288 52 | 238 57 | 1,642 72 | 215 90 | 426 82 |
| Roxbury..... | 141 | 1,750 00 | 7,379 46 | 6,705 96 | 1,069 87 | 2,077 50 | 1,949 21 | 128 29 | 527 09 | 288 52 | 238 57 | 1,642 72 | 215 90 | 426 82 |
| Sabey..... | 92 | 1,817 50 | 7,237 86 | 6,705 96 | 1,069 87 | 2,077 50 | 1,949 21 | 128 29 | 527 09 | 288 52 | 238 57 | 1,642 72 | 215 90 | 426 82 |
| Stamford..... | 78 | 3,825 00 | 8,453 68 | 7,884 26 | 1,104 72 | 2,044 51 | 1,929 30 | 145 21 | 510 97 | 271 66 | 13 30 | 1,454 27 | 488 60 | 365 67 |
| Tompkins..... | 162 | 2,800 00 | 8,284 95 | 7,884 26 | 1,104 72 | 2,044 51 | 1,929 30 | 145 21 | 510 97 | 271 66 | 13 30 | 1,454 27 | 488 60 | 365 67 |
| Walton..... | 149 | 3,720 00 | 12,526 97 | 12,268 64 | 268 33 | 1,642 29 | 1,787 15 | 55 14 | 718 86 | 687 79 | 31 07 | 2,246 07 | 293 80 | 1,952 27 |
| Total..... | 2,358,346,010 90 | \$140,922 67 | \$128,271 15 | \$12,652 52 | \$28,578 65 | \$22,810 25 | \$3,968 40 | \$8,308 17 | \$8,916 48 | \$1,451 68 | \$1,451 68 | \$19,663 98 | \$7,553 22 | \$17,631 88 |
| | | | | | | | | | | | | | | \$2,062 10 |

DUTCHESS COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total ex- penditures for snow and mi- nus- cellaneous fund | Total ex- penditures for snow and mi- nus- cellaneous fund | Balance in snow and mi- nus- cellaneous fund |
|---------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|--|---|
| Amenia | 73 | \$1,823 00 | \$7,981 90 | \$8,839 54 | \$1,122 26 | \$943 70 | \$852 95 | \$690 75 | \$700 47 | \$755 12 | \$5 55 | \$483 97 | \$314 00 | \$155 12 |
| Beekman | 54 | 2,300 00 | 4,765 49 | 5,079 73 | 2,755 78 | 401 07 | 282 49 | 118 58 | 200 00 | 30 94 | 40 16 | 1,318 00 | 47 23 | 267 25 |
| Canton | 94 | 2,250 00 | 8,984 77 | 8,853 59 | 2,131 18 | 579 57 | 483 85 | 18 72 | 227 81 | 135 94 | 60 87 | 1,711 00 | 1,031 70 | 208 15 |
| Dover | 87 | 2,000 00 | 6,025 58 | 4,822 22 | 1,303 36 | 1,416 87 | 1,310 47 | 98 40 | 327 13 | 439 20 | 130 88 | 1,622 88 | 597 28 | 107 25 |
| East Fishkill | 103 | 2,000 00 | 7,521 44 | 7,095 03 | 426 41 | 1,515 87 | 1,310 47 | 294 40 | 560 13 | 439 20 | 130 88 | 1,622 88 | 597 28 | 107 25 |
| East Fishkill | 84 | 1,000 00 | 5,134 04 | 4,653 65 | 470 39 | 1,515 87 | 1,310 47 | 294 40 | 560 13 | 439 20 | 130 88 | 1,622 88 | 597 28 | 107 25 |
| Hyde Park | 84 | 2,643 32 | 14,125 24 | 13,675 76 | 459 53 | 1,186 71 | 1,086 23 | 94 51 | 543 89 | 543 15 | 6 63 | 1,673 32 | 1,389 69 | 283 63 |
| Millburg | 93 | 2,100 00 | 5,922 10 | 5,652 62 | 299 48 | 1,716 17 | 1,547 88 | 258 29 | 108 89 | 102 30 | 6 88 | 1,398 41 | 1,257 36 | 141 05 |
| Milford | 86 | 1,900 00 | 3,135 58 | 2,916 44 | 219 14 | 555 75 | 544 53 | 9 22 | 108 89 | 102 30 | 6 88 | 1,398 41 | 1,257 36 | 141 05 |
| North East | 86 | 2,150 00 | 10,608 72 | 8,776 46 | 1,832 26 | 1,006 00 | 180 44 | 810 56 | 700 74 | 261 76 | 138 94 | 1,302 29 | 300 60 | 901 55 |
| Pawling | 86 | 1,750 00 | 6,129 45 | 5,853 32 | 276 13 | 4,106 13 | 2,551 89 | 1,554 24 | 700 74 | 565 17 | 225 57 | 1,273 86 | 324 63 | 949 23 |
| Pine Plains | 71 | 1,000 00 | 8,129 31 | 6,183 45 | 1,945 86 | 2,729 08 | 1,924 10 | 804 98 | 145 71 | 72 12 | 78 59 | 1,273 86 | 139 48 | 113 88 |
| Pine Plains | 71 | 1,000 00 | 8,129 31 | 6,183 45 | 1,945 86 | 2,729 08 | 1,924 10 | 804 98 | 145 71 | 72 12 | 78 59 | 1,273 86 | 139 48 | 113 88 |
| Poughkeepsie | 72 | 4,000 00 | 4,717 97 | 11,569 68 | 2,919 25 | 403 34 | 403 34 | 396 03 | 637 07 | 141 44 | 172 63 | 676 03 | 115 28 | 256 40 |
| Red Hook | 76 | 2,618 97 | 11,107 47 | 8,583 26 | 2,525 21 | 1,082 48 | 840 80 | 240 68 | 524 07 | 530 84 | 431 23 | 547 04 | 115 28 | 580 75 |
| Rhinebeck | 83 | 3,615 84 | 18,708 50 | 18,255 84 | 452 66 | 1,041 53 | 960 16 | 81 36 | 1,115 65 | 1,230 70 | 175 95 | 1,817 39 | 619 69 | 433 39 |
| Shandwick | 86 | 2,475 00 | 5,823 22 | 5,187 46 | 635 76 | 1,385 31 | 592 43 | 791 88 | 304 66 | 208 06 | 14 84 | 1,817 39 | 1,289 71 | 527 68 |
| Union Vale | 57 | 1,975 00 | 5,789 32 | 5,187 46 | 601 86 | 1,385 31 | 592 43 | 791 88 | 304 66 | 208 06 | 14 84 | 1,817 39 | 1,289 71 | 527 68 |
| Washington | 106 | 2,625 00 | 10,768 29 | 7,758 94 | 3,009 35 | 1,500 00 | 803 28 | 696 72 | 468 35 | 357 93 | 105 32 | 2,374 68 | 2,374 68 | 316 33 |
| Total | 1,617 | \$13,648 86 | \$183,389 60 | \$155,270 07 | \$28,113 53 | \$30,647 65 | \$12,546 94 | \$8,100 74 | \$8,196 49 | \$6,170 58 | \$2,027 91 | \$18,338 24 | \$5,741 19 | \$4,643 65 |

CATARAUGUS COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- sures cellaneous fund | Total ex- penditures for snow and ma- sures cellaneous fund | Balance in snow and ma- sures cellaneous fund |
|---------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Allegany | 99 | 2,475 00 | \$7,493 00 | \$7,493 00 | \$110 86 | \$1,191 16 | \$986 17 | \$186 99 | \$200 00 | \$141 92 | \$58 08 | \$131 31 | \$131 31 | \$104 81 |
| Ashford | 97 | 1,620 00 | 6,020 00 | 5,949 14 | 8,928 02 | 6,928 02 | 6,274 43 | 683 63 | 700 00 | 676 55 | 23 45 | 1,304 44 | 1,274 44 | 454 44 |
| Carrollton | 31 | 800 00 | 2,213 87 | 2,421 00 | 822 87 | 822 87 | 484 23 | 148 79 | 35 83 | 35 83 | 27 88 | 230 40 | 215 40 | 454 44 |
| Cold Springs | 35 | 875 00 | 3,563 02 | 3,182 06 | 380 97 | 478 82 | 212 05 | 268 77 | 56 71 | 37 05 | 29 66 | 340 10 | 323 69 | 16 41 |
| Coneango | 66 | 1,000 00 | 3,901 60 | 3,185 48 | 719 14 | 1,506 63 | 687 70 | 818 93 | 689 83 | 635 80 | 54 03 | 1,130 29 | 940 51 | 279 78 |
| Dayton | 60 | 1,500 00 | 4,748 06 | 4,581 22 | 166 84 | 925 90 | 420 86 | 505 01 | 274 40 | 196 97 | 77 43 | 623 88 | 348 78 | 176 10 |
| East Otto | 72 | 1,800 00 | 4,814 42 | 4,743 71 | 70 71 | 700 00 | 591 52 | 108 48 | 300 00 | 295 76 | 4 24 | 100 00 | 100 00 | 100 00 |
| Elko | 20 | 500 00 | 1,976 21 | 1,783 25 | 182 96 | 853 45 | 643 67 | 208 78 | 90 86 | 19 00 | 71 96 | 279 02 | 106 70 | 170 32 |
| Ellicottville | 68 | 1,700 00 | 6,096 79 | 4,602 28 | 1,494 53 | 1,714 38 | 1,025 84 | 68 64 | 1,261 53 | 1,045 12 | 216 41 | 320 88 | 252 45 | 68 40 |
| Farmersville | 78 | 1,950 00 | 4,751 09 | 3,117 84 | 1,633 25 | 1,913 45 | 1,336 64 | 576 81 | 317 17 | 171 16 | 146 01 | 300 00 | 177 80 | 122 20 |
| Franklinville | 81 | 1,735 80 | 5,489 48 | 5,017 41 | 472 07 | 1,567 34 | 1,083 58 | 503 76 | 750 26 | 114 89 | 618 61 | 449 55 | 530 67 | 117 94 |
| Freedom | 78 | 1,750 00 | 4,331 54 | 2,288 16 | 1,263 83 | 1,027 61 | 608 61 | 417 02 | 204 75 | 204 75 | 210 82 | 883 05 | 243 37 | 983 05 |
| Great Valley | 78 | 1,420 00 | 4,912 78 | 4,645 00 | 267 78 | 1,318 34 | 971 10 | 347 24 | 353 29 | 41 47 | 87 34 | 300 00 | 83 50 | 60 27 |
| Hinsdale | 73 | 1,650 00 | 2,680 84 | 2,258 15 | 422 69 | 1,07 84 | 40 82 | 67 02 | 61 68 | 28 60 | 23 98 | 174 51 | 74 15 | 100 36 |
| Humphrey | 66 | 1,280 00 | 2,890 00 | 2,534 87 | 345 13 | 5,481 76 | 5,481 76 | 40 82 | 279 27 | 279 27 | 105 26 | 882 63 | 882 63 | 10 14 |
| Leban | 67 | 1,050 00 | 3,255 40 | 3,099 11 | 156 29 | 1,429 81 | 137 33 | 1,292 48 | 135 68 | 30 33 | 89 03 | 150 00 | 121 25 | 60 06 |
| Little Valley | 35 | 875 00 | 2,712 63 | 2,034 28 | 678 35 | 1,001 05 | 646 30 | 354 75 | 100 00 | 86 23 | 13 78 | 131 10 | 136 25 | 13 78 |
| Lyndon | 58 | 1,450 00 | 4,058 27 | 3,963 88 | 406 11 | 1,600 26 | 488 75 | 111 51 | 300 95 | 219 15 | 81 80 | 647 66 | 647 66 | 100 48 |
| Machias | 79 | 900 00 | 4,042 75 | 3,653 16 | 73 87 | 1,619 09 | 1,574 46 | 44 63 | 126 42 | 124 05 | 2 39 | 263 92 | 263 92 | 13 37 |
| Mansfield | 77 | 1,600 00 | 4,247 86 | 3,247 86 | 351 96 | 1,046 85 | 771 49 | 28 51 | 61 78 | 60 78 | 1 77 | 113 13 | 113 13 | 10 77 |
| Napoli | 68 | 1,600 00 | 4,144 30 | 3,792 35 | 351 96 | 1,046 85 | 771 49 | 28 51 | 61 78 | 60 78 | 1 77 | 113 13 | 113 13 | 10 77 |
| New Albion | 50 | 900 00 | 3,566 38 | 3,134 25 | 421 13 | 1,039 20 | 791 08 | 24 00 | 241 22 | 131 16 | 2 80 | 412 95 | 412 95 | 10 77 |
| Olean | 53 | 1,100 00 | 2,818 24 | 2,629 52 | 188 63 | 1,457 94 | 1,432 20 | 55 74 | 103 95 | 43 35 | 74 45 | 190 99 | 190 99 | 16 19 |
| Perryburgh | 53 | 775 00 | 2,070 28 | 1,700 27 | 370 01 | 1,013 92 | 1,007 90 | 6 02 | 565 00 | 88 30 | 17 55 | 302 60 | 302 60 | 110 08 |
| Persa | 33 | 1,350 00 | 4,579 17 | 4,077 70 | 501 47 | 3,468 64 | 3,450 12 | 18 52 | 106 85 | 98 73 | 274 40 | 238 06 | 238 06 | 6 39 |
| Perrville | 64 | 1,500 00 | 4,187 09 | 3,641 06 | 546 04 | 1,269 54 | 1,083 57 | 155 99 | 344 13 | 68 30 | 17 55 | 358 21 | 358 21 | 40 64 |
| Randolph | 60 | 960 00 | 3,108 16 | 2,728 51 | 379 65 | 1,523 84 | 1,401 97 | 121 87 | 112 65 | 21 90 | 90 38 | 258 74 | 258 74 | 169 78 |
| Red House | 12 | 200 00 | 1,166 31 | 1,116 55 | 49 76 | 448 63 | 433 27 | 15 36 | 113 65 | 28 97 | 84 03 | 53 30 | 53 30 | 35 40 |
| Salamanca | 45 | 1,125 00 | 2,632 45 | 1,938 87 | 693 58 | 300 12 | 1,038 86 | 158 26 | 381 71 | 74 01 | 307 70 | 95 00 | 95 00 | 24 73 |
| South Valley | 64 | 840 00 | 2,632 45 | 2,412 35 | 218 83 | 3,564 46 | 3,555 03 | 9 43 | 67 63 | 67 63 | ..... | 435 00 | 435 00 | 10 37 |
| Yorksire | 64 | 840 00 | 2,632 45 | 2,412 35 | 218 83 | 3,564 46 | 3,555 03 | 9 43 | 67 63 | 67 63 | ..... | 435 00 | 435 00 | 10 37 |
| Total | 1,907 | \$40,605 80 | \$126,379 09 | \$109,179 46 | \$17,199 63 | \$46,449 15 | \$38,624 85 | \$7,824 30 | \$8,716 83 | \$5,889 01 | \$2,827 82 | \$13,249 38 | \$5,778 92 | \$11,301 92 |
| | | | | | | | | | | | | | | \$1,947 46 |

CAYUGA COUNTY

[illegible]

CHAUTAQUA COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total expenditures for machinery fund | Balance in machinery fund | Total available for snow and miscellaneous fund | Total expenditures for snow and miscellaneous fund | Balance in snow and miscellaneous fund |
|--------------|------------------------------|--------------------|-----------------------------------|--------------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------|------------------------------------|---------------------------------------|---------------------------|---|--|--|
| Arkwright | 67 | \$1,075 00 | \$3,494 14 | \$3,430 18 | \$63 96 | \$1,316 76 | \$1,256 00 | \$60 76 | \$113 13 | \$79 18 | \$32 95 | \$31 16 | \$435 21 | \$126 94 |
| Barnes | 108 | 2,100 00 | 12,069 12 | 10,448 89 | 2,510 23 | 2,439 24 | 2,075 38 | 364 86 | 239 38 | 239 12 | 232 26 | 1,000 00 | 1,000 00 | |
| Carroll | 60 | 1,600 00 | 36,088 72 | 6,500 90 | 29,587 82 | 791 41 | 361 88 | 429 53 | 410 08 | 259 89 | 164 19 | 231 16 | 1,176 25 | 54 91 |
| Charlotte | 68 | 1,700 00 | 3,653 90 | 3,653 90 | 664 47 | 1,046 09 | 371 76 | 774 83 | 290 96 | 132 62 | 163 45 | 699 68 | 501 57 | 174 31 |
| Chautauque | 116 | 3,000 00 | 11,331 39 | 9,745 46 | 1,585 93 | 1,185 15 | 879 38 | 308 79 | 506 34 | 486 89 | 195 48 | 1,624 01 | 1,363 03 | 32 11 |
| Cherry Creek | 83 | 1,190 00 | 3,267 66 | 2,872 96 | 3,884 11 | 800 15 | 326 78 | 568 43 | 184 53 | 132 86 | 143 43 | 216 26 | 1,179 66 | 36 70 |
| Dryer | 70 | 1,750 00 | 8,322 36 | 6,743 25 | 1,580 11 | 3,000 00 | 186 42 | 143 58 | 133 86 | 133 86 | | 300 00 | 168 00 | 105 16 |
| Dunkirk | 14 | 875 20 | 12,786 06 | 9,914 29 | 2,871 76 | 361 98 | | | | | | | | 189 02 |
| Ellery | 97 | 1,065 00 | 6,785 20 | 5,743 52 | 1,041 68 | 1,131 23 | 346 90 | 784 33 | 703 25 | 703 25 | | 189 02 | 435 63 | 139 37 |
| Ellisville | 19 | 1,725 00 | 5,226 12 | 4,701 46 | 524 66 | 349 86 | 249 50 | 136 36 | 215 53 | 61 82 | 183 70 | | 572 58 | 491 79 |
| Ellington | 69 | 1,735 00 | 3,843 92 | 3,075 44 | 768 48 | 1,875 00 | 473 41 | 1,401 59 | 571 68 | 457 14 | 114 54 | 507 64 | 313 87 | 711 83 |
| French Creek | 87 | 1,190 00 | 4,611 26 | 4,403 16 | 213 10 | 2,023 58 | 585 83 | 606 31 | 394 03 | 333 83 | 41 20 | 955 23 | 343 52 | 66 01 |
| Gerry | 80 | 1,490 00 | 3,361 38 | 3,240 56 | 110 82 | 2,035 58 | 2,014 68 | 20 90 | 533 23 | 533 23 | | 960 04 | 549 99 | 43 12 |
| Harvey | 98 | 2,450 00 | 12,211 63 | 10,993 30 | 1,218 33 | 6,191 11 | 425 16 | 425 16 | 839 00 | 744 18 | 84 83 | 533 81 | 433 70 | 36 39 |
| Harmony | 158 | 2,400 00 | 7,514 82 | 7,504 71 | 10 11 | 1,991 03 | 1,162 99 | 426 06 | 1,04 43 | 973 10 | 131 33 | 1,838 96 | 1,31 30 | 73 66 |
| Kiantone | 34 | 540 00 | 4,833 34 | 4,463 34 | 369 00 | 666 03 | 378 75 | 289 44 | 192 41 | 101 84 | 90 57 | 604 06 | 492 76 | 111 31 |
| Mina | 60 | 1,440 00 | 7,626 70 | 1,908 07 | 5,718 63 | 378 75 | | | 236 15 | 236 15 | | 502 02 | 409 76 | 502 02 |
| Poland | 66 | 1,000 00 | 3,523 00 | 2,867 34 | 655 71 | 3,896 67 | 3,896 67 | | 289 08 | 289 08 | | 358 80 | 323 83 | 358 80 |
| Pomeroy | 88 | 2,075 00 | 7,648 67 | 5,863 92 | 1,784 75 | 3,772 52 | 2,847 51 | 929 01 | 239 08 | 171 91 | 67 15 | 660 00 | 447 00 | 153 00 |
| Portland | 82 | 2,159 99 | 11,994 31 | 1,106 81 | 16 04 | 2,475 00 | 2,462 87 | 22 13 | 1,178 00 | 1,167 93 | 7 07 | 649 14 | 530 09 | 4 24 |
| Ripley | 85 | 2,000 00 | 7,106 81 | 7,106 81 | | 500 00 | 353 89 | 436 11 | 300 00 | 300 00 | | 400 00 | 281 34 | 400 00 |
| Sherman | 76 | 2,929 50 | 11,724 82 | 9,859 95 | 1,874 57 | 500 00 | 2,778 37 | 221 63 | 325 64 | 306 25 | 219 83 | 360 80 | 128 16 | 811 85 |
| Stockton | 66 | 1,625 00 | 10,868 98 | 10,481 46 | 417 40 | 2,034 60 | 1,975 38 | 356 22 | 1,270 08 | 1,341 97 | 28 06 | 676 00 | 496 63 | 648 72 |
| Union | 92 | 1,090 00 | 4,822 33 | 3,522 20 | 300 12 | 1,850 98 | 1,350 98 | 35 | 141 19 | 141 19 | | 836 68 | 772 04 | 846 13 |
| Vilonova | 67 | 1,075 00 | 2,893 99 | 3,029 98 | 302 98 | 3,756 76 | 3,144 31 | 612 45 | 280 71 | 280 71 | 30 60 | 400 18 | 338 93 | 81 05 |
| Waverly | 90 | 2,250 00 | 7,964 27 | 6,839 74 | 1,124 53 | 2,623 15 | 2,622 15 | | 700 50 | 648 38 | 142 12 | 2,012 14 | 1,563 04 | 369 10 |
| Total | 1,961 | \$44,402 69 | \$217,963 86 | \$102,525 43 | \$55,428 43 | \$44,909 73 | \$35,747 39 | \$9,103 35 | \$11,747 99 | \$10,170 89 | \$1,570 70 | \$18,108 34 | \$12,362 85 | \$1,816 90 |

CHEMUNG COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total ex- penditures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|-----------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|---|--|--------------------------------------|---|--|---|
| Ashland..... | 28 | \$745 91 | \$5,171 37 | \$4,601 37 | \$669 90 | \$2,325 73 | \$1,996 07 | \$399 06 | \$274 87 | \$340 43 | \$34 44 | \$1,783 73 | \$310 35 | \$187 47 |
| Baldwin..... | 63 | 1,875 00 | 7,016 50 | 2,677 48 | 4,439 16 | 1,765 78 | 1,739 80 | 15 98 | 113 68 | 110 26 | 2 42 | \$1,783 73 | \$310 35 | \$187 47 |
| Big Flats..... | 89 | 1,800 00 | 8,180 11 | 7,303 85 | 876 16 | 1,507 40 | 1,184 71 | 32 89 | 200 00 | 161 90 | 38 10 | 1,200 00 | 31 90 | 21 52 |
| Canlin..... | 88 | 1,800 00 | 5,040 79 | 4,486 06 | 614 78 | 538 61 | 306 25 | 232 80 | 184 88 | 142 30 | 12 68 | 340 00 | 131 81 | 289 19 |
| Chemung..... | 104 | 2,600 00 | 7,325 83 | 4,900 81 | 3,025 32 | 3,397 06 | 3,000 37 | 216 78 | 979 73 | 769 30 | 221 48 | 813 88 | 106 08 | 33 32 |
| Elmira..... | 50 | 1,250 00 | 7,885 94 | 6,174 67 | 1,711 37 | 808 17 | 800 41 | 7 70 | 887 50 | 847 57 | 9 98 | 1,414 08 | 104 50 | 33 18 |
| Erin..... | 98 | 1,800 00 | 5,068 91 | 4,505 63 | 633 28 | 1,229 07 | 1,214 20 | 14 81 | 374 45 | 374 45 | ..... | 1,414 08 | 104 50 | 33 18 |
| Horseheads..... | 73 | 1,800 00 | 3,983 85 | 3,873 85 | 115 47 | 1,065 00 | 1,008 30 | 86 64 | 185 16 | 183 26 | ..... | 1,414 08 | 104 50 | 33 18 |
| Southport..... | 110 | 2,750 00 | 11,693 33 | 11,692 38 | 6 97 | 2,604 28 | 2,396 38 | 217 90 | 207 57 | 183 96 | 18 61 | 1,080 73 | 63 86 | 26 86 |
| Van Etten..... | 87 | 1,440 00 | 5,354 89 | 5,242 72 | 112 17 | 1,839 29 | 1,370 14 | 569 15 | 547 72 | 489 08 | 58 69 | 783 57 | 103 70 | 205 78 |
| Veteran..... | 90 | 2,250 00 | 4,334 27 | 3,723 25 | 611 08 | 2,593 00 | 2,522 28 | 70 81 | 232 54 | 63 97 | 168 57 | 424 18 | 241 59 | 125 27 |
| Total..... | 875 | \$18,710 91 | \$71,035 78 | \$58,321 23 | \$12,714 55 | \$19,563 67 | \$17,708 93 | \$1,944 74 | \$4,327 10 | \$3,740 48 | \$686 67 | \$8,426 80 | \$1,466 37 | \$999 23 |

CHENANGO COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- lignous fund | Total ex- penditures for snow and ma- lignous fund | Balance in snow and ma- lignous fund |
|---------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Afton | 90 | \$2,000 00 | \$6,484 83 | \$5,538 78 | \$946 04 | \$2,836 16 | \$1,106 30 | \$1,730 86 | \$400 65 | \$340 08 | \$51 57 | \$370 83 | \$133 92 | \$235 91 |
| Ballbridge | 71 | 1,775 00 | 5,870 79 | 5,496 07 | 1,404 64 | 1,510 83 | 1,113 03 | 667 79 | 896 61 | 856 61 | 27 55 | 704 73 | 157 87 | 441 83 |
| Columbus | 83 | 1,847 90 | 6,072 06 | 5,972 97 | 1,099 09 | 1,582 40 | 1,508 57 | 186 06 | 486 23 | 467 68 | 27 55 | 213 70 | 116 07 | 25 03 |
| Cowansville | 54 | 1,617 30 | 5,070 87 | 3,451 16 | 389 50 | 1,582 47 | 328 47 | 136 06 | 100 00 | 150 97 | 122 58 | 182 01 | 102 91 | 32 10 |
| German | 53 | 1,653 00 | 5,239 58 | 3,239 58 | 1,999 00 | 1,714 01 | 1,343 07 | 370 93 | 310 23 | 310 23 | 217 46 | 138 60 | 102 91 | 1,043 03 |
| Green | 149 | 2,800 00 | 8,756 70 | 8,752 17 | 1,004 53 | 1,714 01 | 1,343 07 | 370 93 | 310 23 | 310 23 | 217 46 | 138 60 | 102 91 | 1,043 03 |
| Guilford | 118 | 2,800 00 | 11,083 37 | 9,806 09 | 1,277 28 | 1,517 56 | 1,310 89 | 206 67 | 809 92 | 699 92 | 109 92 | 1,223 33 | 1,223 33 | 1,043 03 |
| Lincolnton | 58 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| McDonough | 83 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| New Berlin | 86 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| North Norwich | 75 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Norwich | 81 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Oswego | 113 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Oxford | 68 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Pharman | 68 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Pleasant | 68 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Plymouth | 68 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Preston | 68 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Sherburne | 98 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Shuttsville | 102 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Syracuse | 90 | 1,480 36 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 | 2,457 85 |
| Total | 1,476 | \$38,605 40 | \$130,402 23 | \$106,363 29 | \$24,133 94 | \$38,813 11 | \$20,113 06 | \$6,701 03 | \$10,464 53 | \$6,185 03 | \$2,319 49 | \$6,832 21 | \$5,838 43 | \$3,003 79 |

CLINTON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Altona..... | 98 | \$1,800 00 | \$1,743 99 | \$3,810 68 | \$933 31 | \$855 75 | \$855 75 | \$63 59 | \$100 60 | \$96 81 | \$3 71 | \$3,188 81 | \$3,154 76 | \$33 05 |
| Ausable..... | 66 | 840 00 | 2,641 24 | 2,221 91 | 719 33 | 700 00 | 637 41 | \$63 59 | 28 89 | 28 89 | ..... | 1,310 97 | 1,310 97 | ..... |
| Beekmantown..... | 97 | 1,872 46 | 4,346 31 | 2,872 23 | 1,474 08 | 1,146 84 | 474 43 | 673 41 | 546 91 | 298 43 | 248 48 | 3,478 76 | 3,228 76 | \$250 00 |
| Black Brook..... | 113 | 2,036 00 | 4,073 00 | 4,073 00 | ..... | 436 60 | 436 60 | ..... | 126 09 | 114 90 | 10 10 | 1,580 34 | 1,580 34 | ..... |
| Champlain..... | 88 | 1,680 00 | 5,641 89 | 3,913 12 | 1,728 77 | 1,721 93 | 303 30 | 1,418 63 | 278 45 | 268 50 | 9 95 | 2,345 76 | 1,124 59 | 1,221 17 |
| Chazy..... | 109 | 2,340 00 | 4,409 76 | 4,153 94 | 266 82 | 200 00 | 116 12 | 83 88 | 73 10 | 73 10 | ..... | 2,310 78 | 2,310 78 | ..... |
| Clinton..... | 88 | 2,200 00 | 5,365 75 | 5,345 04 | 20 71 | 221 30 | 221 30 | ..... | 313 43 | 183 09 | 131 34 | 1,326 11 | 1,326 11 | ..... |
| Danemora..... | 45 | 1,023 60 | 4,983 56 | 4,076 64 | 816 92 | 233 17 | 183 31 | 60 86 | 150 00 | 124 75 | 25 25 | 250 00 | 249 70 | 29 30 |
| Ellenburg..... | 111 | 2,775 00 | 7,509 66 | 6,504 19 | 905 47 | 363 27 | 363 27 | ..... | 742 31 | 742 31 | ..... | 1,300 00 | 1,214 52 | 85 48 |
| Moorea..... | 135 | 3,100 00 | 7,615 94 | 6,810 98 | 774 96 | 1,970 76 | 1,861 55 | 109 21 | 463 75 | 461 98 | 1 77 | 2,155 83 | 1,564 69 | 591 14 |
| Peru..... | 120 | 1,610 00 | 5,585 56 | 4,781 18 | 804 38 | 75 00 | 137 73 | 263 53 | 264 85 | 24 60 | 31 16 | 2,539 46 | 2,540 26 | 106 07 |
| Plattsburgh..... | 103 | 1,200 00 | 6,014 00 | 3,656 42 | 2,357 58 | 400 26 | 137 73 | 263 53 | 337 97 | 337 97 | 93 28 | 2,107 00 | 2,105 95 | 101 05 |
| Saranac..... | 148 | 3,700 00 | 9,331 96 | 9,015 37 | 296 59 | 989 16 | 989 16 | ..... | 337 97 | 337 97 | ..... | 2,850 75 | 2,850 75 | ..... |
| Schuyler Falls..... | 63 | 720 00 | 2,131 38 | 1,816 73 | 314 65 | 769 57 | 537 49 | 233 08 | 97 26 | 97 26 | ..... | 1,727 31 | 1,727 31 | ..... |
| Total..... | 1,384 | \$26,947 06 | \$74,601 00 | \$63,210 43 | \$11,393 57 | \$10,083 61 | \$7,163 92 | \$3,916 69 | \$3,568 28 | \$3,013 06 | \$655 22 | \$27,491 87 | \$25,224 29 | \$2,267 56 |

COLUMBIA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for na- vigation fund | Total ex- penditures for na- vigation fund | Balance in na- vigation fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|---|--|---------------------------------------|--|---|--|
| Aronau..... | 93 | \$2,100 00 | \$5,644 96 | \$4,766 36 | \$878 70 | \$1,133 41 | \$668 45 | \$544 96 | \$300 00 | \$107 70 | \$192 30 | \$374 29 | \$340 23 | \$33 90 |
| Austerlitz..... | 83 | 1,800 00 | 3,634 37 | 3,331 48 | 302 89 | 1,049 37 | 971 95 | 77 42 | 155 57 | 165 57 | 100 10 | 768 83 | 29 10 | 22 73 |
| Cassau..... | 80 | 1,760 00 | 6,530 61 | 5,236 29 | 1,294 32 | 1,733 27 | 868 25 | 875 02 | 424 78 | 224 65 | 100 10 | 1,162 97 | 740 18 | 16 34 |
| Chatham..... | 150 | 3,600 00 | 10,836 29 | 10,491 74 | 3,344 55 | 1,306 02 | 1,200 97 | 96 05 | 160 00 | 149 04 | 173 84 | 1,000 51 | 1,162 08 | 529 52 |
| Clawback..... | 102 | 2,560 00 | 8,058 85 | 6,372 32 | 1,686 53 | 5,017 27 | 1,634 77 | 3,383 50 | 257 79 | 83 95 | 192 42 | 1,061 80 | 470 99 | 10 85 |
| Clermont..... | 49 | 1,000 00 | 8,812 65 | 3,176 83 | 5,635 82 | 3,176 83 | 3,176 83 | 9 53 | 1,037 45 | 945 03 | 165 96 | 1,042 80 | 1,073 95 | 18 35 |
| Copake..... | 70 | 1,500 00 | 5,270 15 | 3,958 60 | 1,311 55 | 807 02 | 450 58 | 356 47 | 164 76 | 86 57 | 165 96 | 233 06 | 426 63 | 186 06 |
| Gallatin..... | 39 | 1,760 00 | 5,943 00 | 3,254 10 | 2,688 90 | 463 42 | 94 78 | 358 06 | 246 17 | 79 21 | 146 47 | 264 46 | 177 80 | 86 66 |
| Germanstown..... | 112 | 2,260 00 | 6,913 70 | 6,122 69 | 791 11 | 1,368 91 | 1,331 68 | 7 35 | 768 55 | 630 08 | 21 74 | 233 06 | 233 06 | 24 71 |
| Ghent..... | 38 | 1,000 00 | 3,161 28 | 3,024 84 | 126 44 | 1,432 28 | 1,337 58 | 4 90 | 506 83 | 485 09 | 21 74 | 737 25 | 712 54 | 24 71 |
| Greene ft..... | 101 | 2,080 00 | 5,375 98 | 3,938 67 | 1,437 31 | 332 59 | 201 65 | 150 84 | 137 52 | 75 81 | 61 71 | 397 24 | 199 35 | 197 89 |
| Hillsdale..... | 68 | 1,350 00 | 4,962 60 | 4,616 11 | 346 49 | 2,337 06 | 1,438 47 | 878 59 | 257 78 | 178 40 | 79 38 | 18 06 | 15 75 | 2 34 |
| Livingston..... | 86 | 1,600 00 | 4,601 83 | 3,742 72 | 759 21 | 580 71 | 580 71 | 878 59 | 137 76 | 137 76 | 79 38 | 627 31 | 939 64 | 22 38 |
| New Lebanon..... | 87 | 1,200 00 | 2,735 43 | 3,007 41 | 3,463 88 | 1,010 30 | 331 40 | 778 90 | 140 00 | 79 75 | 60 25 | 322 13 | 823 13 | 25 23 |
| Stockport..... | 27 | 1,500 00 | 3,753 93 | 2,164 37 | 1,589 56 | 1,040 29 | 322 63 | 717 64 | 80 85 | 40 80 | 49 05 | 868 98 | 43 76 | 25 23 |
| Stuyvesant..... | 46 | 1,200 00 | 3,073 68 | 3,073 68 | 690 25 | 1,000 00 | 483 36 | 516 64 | 100 00 | 76 32 | 23 68 | 800 77 | 300 77 | 91 42 |
| Taghkanic..... | 69 | 1,530 00 | 3,243 01 | 3,168 69 | 74 32 | 1,015 64 | 866 96 | 148 69 | 200 01 | 166 07 | 43 94 | 518 20 | 426 76 | 91 42 |
| Total..... | 1,379 | \$29,713 76 | \$102,208 32 | \$78,539 31 | \$23,679 01 | \$22,666 65 | \$13,742 49 | \$8,924 16 | \$5,167 67 | \$3,776 78 | \$1,390 89 | \$9,476 21 | \$8,219 36 | \$1,256 86 |

CORTLAND COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Cincinnati | 56 | \$840 00 | \$4,199 91 | \$3,998 73 | \$201 18 | \$1,017 09 | \$1,017 09 | ..... | \$333 57 | \$223 5 | ..... | \$310 50 | \$319 50 | ..... |
| Cortlandville | 105 | 1,500 00 | 17,036 14 | 17,026 14 | ..... | 2,919 37 | 2,919 37 | ..... | 1,002 80 | 1,002 80 | ..... | 1,104 03 | 1,104 03 | ..... |
| Cuyler | 80 | 1,170 00 | 4,513 18 | 3,986 93 | 526 25 | 533 29 | 533 29 | ..... | 100 00 | 100 00 | ..... | 246 08 | 246 08 | ..... |
| Prestown | 53 | 1,375 00 | 5,876 63 | 3,159 65 | 2,716 97 | 639 83 | 264 72 | \$375 10 | 369 48 | 339 04 | \$42 53 | 263 80 | 249 02 | \$13 78 |
| Harford | 52 | 810 00 | 4,223 39 | 4,283 29 | 40 00 | 637 01 | 439 40 | 197 61 | 408 84 | 339 02 | 69 83 | 443 45 | 313 90 | 134 55 |
| Homer | 108 | 2,520 00 | 9,568 68 | 5,906 10 | 3,662 58 | 1,400 00 | 1,183 60 | 217 40 | 707 31 | 707 31 | ..... | 795 78 | 501 34 | 294 44 |
| Lapeer | 45 | 1,125 00 | 6,967 26 | 6,875 83 | 91 43 | 317 46 | 313 31 | 6 15 | 280 00 | 227 14 | 22 86 | 169 51 | 24 62 | 144 89 |
| Marathon | 49 | 1,225 00 | 4,633 87 | 4,594 56 | 109 31 | 908 74 | 779 20 | 129 54 | 778 69 | 656 26 | 122 43 | 631 18 | 104 60 | 526 58 |
| Preble | 57 | 700 00 | 3,449 51 | 2,971 23 | 478 28 | 549 31 | 549 31 | ..... | 186 87 | 187 87 | ..... | 238 44 | 167 80 | 71 64 |
| Scott | 55 | 1,375 00 | 4,061 50 | 2,090 20 | 1,971 40 | 523 11 | 419 97 | 103 14 | 123 72 | 18 80 | 104 93 | 300 80 | 126 56 | 174 24 |
| Solon | 58 | 1,224 00 | 3,320 35 | 2,796 37 | 523 98 | 676 96 | 368 55 | 308 44 | 101 23 | 20 73 | 80 50 | 369 81 | 136 56 | 233 25 |
| Taylor | 67 | 1,100 00 | 6,963 06 | 5,900 10 | 1,062 96 | 1,085 92 | 990 77 | 95 15 | 921 48 | 887 19 | 34 29 | 842 77 | 316 00 | 526 00 |
| Truxton | 85 | 1,350 00 | 3,201 87 | 1,578 46 | 1,623 41 | 694 81 | 694 81 | 291 81 | 262 51 | 197 57 | 64 94 | 118 48 | 824 03 | 18 74 |
| Virgil | 108 | 2,700 00 | 13,917 17 | 13,913 43 | 33 74 | 2,300 00 | 1,618 05 | 681 95 | 415 07 | 415 07 | ..... | 1,063 17 | 1,039 17 | 34 00 |
| Willett | 57 | 1,260 00 | 6,380 85 | 6,319 19 | 61 66 | 571 40 | 514 09 | 57 40 | 269 21 | 238 23 | 30 99 | 296 86 | 236 07 | 60 78 |
| Total | 1,037 | \$20,274 00 | \$98,432 42 | \$85,329 20 | \$13,103 22 | \$15,085 63 | \$12,624 34 | \$2,461 29 | \$6,110 78 | \$5,541 51 | \$269 27 | \$7,006 66 | \$3,583 07 | \$3,681 76 |

DUTCHESS COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total expendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total ex- penditures for snow and mi- celaneous fund | Total ex- penditures for snow and mi- celaneous fund | Balance in snow and mi- celaneous fund |
|----------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|---|--|
| Amenia..... | 73 | \$1,823 00 | \$7,961 80 | \$6,839 54 | \$1,122 26 | \$943 70 | \$832 95 | \$690 75 | \$760 47 | \$755 12 | \$5 35 | \$483 97 | \$328 85 | \$155 12 |
| Beekman..... | 54 | 1,200 00 | 4,765 49 | 3,979 73 | 785 76 | 401 07 | 282 49 | 118 53 | 200 00 | 39 84 | -60 16 | 1,318 95 | 1,031 70 | 287 25 |
| Clinton..... | 90 | 2,250 00 | 8,964 77 | 6,853 59 | 2,131 18 | 579 57 | 483 85 | 95 73 | 237 81 | 135 94 | 91 87 | 731 03 | 622 88 | 108 15 |
| Dover..... | 87 | 1,000 00 | 6,025 53 | 4,832 22 | 1,203 36 | 1,414 67 | 1,310 47 | 294 20 | 560 13 | 429 24 | 130 89 | 514 02 | 400 04 | 113 08 |
| East Fishkill..... | 103 | 2,000 00 | 7,521 44 | 7,065 03 | 426 41 | 519 57 | 233 16 | 286 41 | 281 10 | 281 10 | 80 57 | 1,673 32 | 1,389 69 | 282 63 |
| Fishkill..... | 64 | 1,000 00 | 5,124 08 | 4,653 65 | 470 43 | 564 92 | 640 49 | 24 43 | 301 76 | 221 19 | 6 65 | 1,113 63 | 1,030 00 | 9 63 |
| Hyde Park..... | 85 | 3,842 32 | 14,135 34 | 13,675 76 | 459 58 | 1,180 74 | 1,086 23 | 94 51 | 548 80 | 542 15 | 6 65 | 1,296 42 | 1,257 38 | 39 06 |
| LaGrange..... | 93 | 2,100 00 | 5,922 10 | 5,652 62 | 269 48 | 716 17 | 644 53 | 253 39 | 108 98 | 102 30 | 3 68 | 898 41 | 1,598 11 | 300 30 |
| Milan..... | 84 | 1,260 00 | 3,135 58 | 2,916 44 | 219 14 | 1,000 00 | 189 44 | 9 22 | 108 96 | 102 30 | 96 86 | 52 00 | 47 25 | 62 00 |
| North East..... | 86 | 1,750 00 | 9,143 22 | 7,531 28 | 1,611 94 | 1,000 00 | 189 44 | 810 56 | 400 00 | 261 76 | 138 24 | 1,302 29 | 300 60 | 806 55 |
| Pawling..... | 89 | 2,150 00 | 10,608 74 | 8,776 69 | 1,832 05 | 4,106 13 | 2,551 89 | 1,554 24 | 700 74 | 565 17 | 225 57 | 1,213 80 | 818 87 | 394 93 |
| Pine Plains..... | 61 | 1,000 00 | 6,152 45 | 5,833 32 | 320 13 | 729 08 | 222 37 | 506 71 | 148 71 | 72 12 | 76 59 | 375 88 | 139 48 | 236 40 |
| Pleasant Valley..... | 76 | 1,000 00 | 8,276 31 | 6,183 65 | 2,092 66 | 500 60 | 192 10 | 308 50 | 187 70 | 64 30 | 123 40 | 676 03 | 103 28 | 560 75 |
| Po'tersville..... | 72 | 4,000 00 | 14,767 91 | 11,849 68 | 2,918 23 | 493 34 | 106 31 | 386 93 | 628 07 | 141 44 | 481 63 | 567 94 | 111 80 | 453 39 |
| Red Hook..... | 78 | 2,018 97 | 11,107 47 | 8,582 26 | 2,525 21 | 1,032 21 | 841 80 | 240 66 | 534 19 | 520 84 | 13 35 | 619 69 | 619 69 | 577 66 |
| Rhinebeck..... | 85 | 3,655 34 | 18,708 50 | 18,255 84 | 452 66 | 1,041 52 | 960 16 | 81 36 | 1,415 65 | 1,239 70 | 175 95 | 1,867 39 | 1,289 71 | 577 66 |
| Stanford..... | 99 | 2,475 00 | 13,823 32 | 12,396 94 | 1,426 38 | 896 31 | 562 43 | 283 88 | 206 66 | 206 66 | 14 84 | 1,481 87 | 1,481 87 | 22 40 |
| Union Vale..... | 79 | 1,975 00 | 5,788 32 | 5,187 49 | 601 83 | 1,393 80 | 675 49 | 718 41 | 56 84 | 42 00 | 14 84 | 212 13 | 243 18 | 316 33 |
| Wappinger..... | 57 | 1,825 00 | 10,642 02 | 6,419 40 | 4,242 62 | 1,040 29 | 820 66 | 89 68 | 96 99 | 89 68 | 105 32 | 566 79 | 250 46 | 316 33 |
| Washington..... | 105 | 2,625 00 | 10,786 26 | 7,765 94 | 3,022 32 | 1,500 00 | 803 28 | 696 72 | 483 25 | 357 93 | 105 32 | 2,374 68 | 2,374 68 | 900 43 |
| Total..... | 1,617 | \$13,658 86 | \$183,388 60 | \$155,270 07 | \$28,113 53 | \$30,847 68 | \$16,846 94 | \$8,100 74 | \$8,196 49 | \$6,170 58 | \$2,087 91 | \$18,338 24 | \$5,741 19 | \$4,643 65 |

ERIE COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in high-way fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for masonry fund | Total expenditures for masonry fund | Balance in masonry fund | Total available for miscellaneous fund | Total expenditures for miscellaneous fund | Balance in miscellaneous fund |
|--------------------|------------------------------|--------------------|-----------------------------------|--------------------------------------|--------------------------|---------------------------------|------------------------------------|------------------------|----------------------------------|-------------------------------------|-------------------------|--|---|-------------------------------|
| Alden..... | 58 | \$1,800 00 | 83,778 74 | 94,283 42 | \$4,406 32 | \$2,051 84 | \$1,300 77 | \$750 77 | \$447 13 | 1,314 81 | 69 03 | \$808 39 | \$808 39 | ..... |
| Amherst..... | 108 | 4,907 05 | 64,477 61 | 45,227 01 | 19,250 60 | 4,044 51 | 4,044 51 | ..... | 1,314 81 | 1,314 81 | ..... | 2,863 78 | 2,863 78 | ..... |
| Aurora..... | 76 | 1,900 00 | 50,819 10 | 48,694 42 | 2,224 68 | 1,500 00 | 1,500 00 | 920 13 | 609 97 | 609 97 | ..... | 1,000 00 | 1,000 00 | ..... |
| Boston..... | 73 | 1,000 00 | 3,609 18 | 2,512 97 | 996 21 | 232 85 | 103 46 | 70 99 | 109 65 | 38 60 | 71 05 | 214 80 | 214 80 | ..... |
| Brent..... | 41 | 1,025 00 | 24,931 96 | 24,283 38 | 698 58 | 7,458 65 | 6,974 78 | 483 87 | 208 23 | 80 10 | 123 13 | 338 03 | 338 03 | ..... |
| Chest town..... | 75 | 5,000 00 | 50,646 84 | 39,079 86 | 11,566 98 | 3,250 00 | 1,739 18 | 1,510 82 | 249 18 | 20 89 | 223 29 | 2,209 34 | 2,209 34 | ..... |
| Clarence..... | 121 | 2,632 78 | 40,942 45 | 38,802 78 | 2,139 67 | 800 00 | 800 00 | ..... | 74 08 | 74 08 | ..... | 686 40 | 686 40 | ..... |
| Coliden..... | 64 | 1,440 00 | 5,335 59 | 4,917 17 | 418 42 | 404 71 | 350 05 | 54 66 | 259 26 | 190 23 | 69 03 | 326 28 | 326 28 | ..... |
| Collins..... | 97 | 1,875 00 | 5,112 07 | 4,190 07 | 922 00 | 1,375 48 | 1,375 48 | 3 17 | 166 74 | 156 39 | 10 35 | 463 51 | 463 51 | ..... |
| Concord..... | 122 | 3,050 00 | 21,185 31 | 12,401 42 | 8,783 89 | 9,947 43 | 3,756 63 | 6,890 81 | 603 66 | 603 66 | ..... | 1,833 14 | 1,833 14 | ..... |
| East Hamburg..... | 85 | 3,418 16 | 41,617 29 | 32,768 38 | 8,848 91 | 4,943 57 | 4,068 63 | 3,274 94 | 551 53 | 54 95 | 107 58 | 1,001 60 | 1,001 60 | ..... |
| Eden..... | 76 | 2,000 00 | 39,195 85 | 23,385 92 | 15,809 93 | 1,126 56 | 1,000 01 | 1,029 56 | 213 15 | 84 95 | 123 20 | 450 00 | 450 00 | ..... |
| Elbas..... | 76 | 2,034 40 | 8,951 56 | 8,654 22 | 297 34 | 1,489 24 | 1,404 51 | 84 73 | 406 98 | 381 67 | 24 31 | 1,049 75 | 1,049 75 | ..... |
| Evans..... | 85 | 2,250 00 | 44,079 27 | 41,021 16 | 3,058 21 | 2,734 92 | 1,103 26 | ..... | 603 62 | 607 46 | 1 16 | 596 82 | 596 82 | ..... |
| Grand Island..... | 56 | 1,608 46 | 12,590 26 | 7,705 70 | 4,874 56 | 1,358 37 | 1,103 26 | ..... | 110 33 | 90 54 | 19 79 | 712 90 | 712 90 | ..... |
| Hamburg..... | 83 | 4,861 57 | 22,678 78 | 19,165 58 | 3,512 20 | 6,760 05 | 6,106 70 | 653 35 | 805 33 | 546 30 | 259 03 | 1,099 25 | 1,099 25 | ..... |
| Holland..... | 58 | 1,500 00 | 9,079 72 | 7,822 57 | 1,257 15 | 800 00 | 66 84 | ..... | 186 89 | 186 89 | ..... | 1,054 15 | 1,054 15 | ..... |
| Laurelster..... | 72 | 2,500 00 | 5,442 07 | 4,969 56 | 569 76 | 3,833 68 | 2,332 58 | 1,501 10 | 136 11 | 131 95 | 53 16 | 2,181 00 | 2,181 00 | ..... |
| Marilla..... | 63 | 1,325 00 | 5,442 07 | 5,442 07 | ..... | 500 00 | 356 77 | 143 23 | 126 98 | 126 98 | ..... | 400 00 | 400 00 | ..... |
| Newstead..... | 104 | 2,600 00 | 23,545 97 | 23,360 16 | 1,885 81 | 1,596 46 | 1,011 16 | 575 80 | 585 92 | 151 24 | 444 68 | 737 65 | 737 65 | ..... |
| North Collins..... | 78 | 1,850 00 | 4,635 72 | 3,290 70 | 1,295 02 | 1,673 71 | 1,646 51 | 27 20 | 304 80 | 145 48 | 159 32 | 813 80 | 813 80 | ..... |
| Sardinia..... | 74 | 1,750 00 | 54,523 24 | 41,790 81 | 12,737 43 | 4,780 11 | 4,703 56 | 76 55 | 369 11 | 369 11 | ..... | 380 37 | 380 37 | ..... |
| Townsend..... | 87 | 3,000 00 | 28,138 92 | 23,123 22 | 5,015 70 | 690 24 | 447 62 | 781 07 | 370 37 | 370 37 | ..... | 966 72 | 966 72 | ..... |
| Wales..... | 59 | 1,450 00 | 4,838 08 | 3,245 91 | 1,592 17 | 1,400 00 | 618 93 | 261 73 | 235 82 | 235 82 | ..... | 452 55 | 452 55 | ..... |
| West Seneca..... | 59 | 3,500 00 | 11,974 74 | 11,042 76 | 931 98 | 2,475 63 | 1,729 14 | 745 48 | 717 70 | 465 05 | 262 65 | 1,553 99 | 1,553 99 | ..... |
| Total..... | 1,853 | \$40,502 48 | \$401,413 74 | \$485,855 22 | \$115,558 52 | \$66,226 50 | \$40,011 18 | \$16,315 32 | \$90,893 55 | \$7,911 84 | \$1,981 71 | \$23,464 91 | \$23,742 43 | \$3,722 48 |

ESSEX COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total expendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- chinery collapsible fund | Total expendi- tures for snow and ma- chinery collapsible fund | Balance in snow and ma- chinery collapsible fund |
|-------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|---|---|
| Cherfield | 98 | \$2,400 00 | \$6,641 09 | \$1,288 76 | \$893 02 | \$400 78 | \$398 72 | \$102 06 | \$2,442 19 | \$102 06 | \$298 60 | \$2,442 19 | \$2,320 09 | \$112 11 |
| Crown Point | 112 | 1,540 00 | 4,057 87 | 244 09 | 205 95 | 37 64 | 104 41 | 89 41 | 2,377 01 | 89 41 | 18 09 | 2,377 01 | 2,360 28 | 91 85 |
| Marblehead | 60 | 800 00 | 1,977 09 | 407 72 | 367 13 | 146 62 | 109 37 | 85 63 | 1,866 41 | 85 63 | 16 74 | 1,866 41 | 1,847 00 | 4 41 |
| Essex | 63 | 800 00 | 2,507 72 | 401 18 | 384 92 | 216 26 | 208 31 | 279 63 | 1,908 26 | 279 63 | 23 60 | 1,908 26 | 1,889 07 | 19 19 |
| May | 84 | 1,400 00 | 3,366 69 | 803 88 | 312 35 | 190 18 | 860 00 | 860 00 | 2,744 48 | 860 00 | 24 48 | 2,744 48 | 2,726 54 | 1 94 |
| Keene | 79 | 1,975 00 | 6,450 59 | 1,000 00 | 1,000 00 | 434 87 | 120 58 | 96 12 | 2,400 00 | 96 12 | 116 78 | 2,400 00 | 2,387 00 | 1 30 |
| Lewis | 92 | 1,800 00 | 4,701 33 | 1,366 31 | 1,311 44 | 434 87 | 120 58 | 96 12 | 2,400 00 | 96 12 | 116 78 | 2,400 00 | 2,387 00 | 1 30 |
| Milner | 92 | 2,800 00 | 4,800 07 | 511 48 | 511 48 | 1,673 16 | 1,335 38 | 491 49 | 3,018 86 | 1,335 38 | 289 56 | 3,018 86 | 2,998 00 | 20 86 |
| Morrell | 41 | 1,025 00 | 10,636 98 | 2,033 26 | 206 54 | 455 70 | 1,038 50 | 491 49 | 2,246 10 | 1,038 50 | 11 81 | 2,246 10 | 2,234 19 | 11 91 |
| Newcomb | 54 | 3,800 00 | 10,235 00 | 764 24 | 837 30 | 177 47 | 1,133 86 | 110 78 | 3,515 53 | 1,133 86 | 11 81 | 3,515 53 | 3,501 79 | 13 74 |
| North Elba | 23 | 1,350 00 | 3,433 93 | 714 77 | 537 30 | 177 47 | 1,133 86 | 110 78 | 3,515 53 | 1,133 86 | 11 81 | 3,515 53 | 3,501 79 | 13 74 |
| St. Armand | 24 | 2,578 69 | 10,735 63 | 79 88 | 585 72 | 179 88 | 31 74 | 9 95 | 2,688 43 | 31 74 | 20 18 | 2,688 43 | 2,648 88 | 39 55 |
| Schoon | 77 | 1,600 00 | 2,476 20 | 725 00 | 600 00 | 139 28 | 150 00 | 129 83 | 2,788 78 | 129 83 | 13 81 | 2,788 78 | 2,765 03 | 23 75 |
| Thompson | 100 | 2,500 00 | 8,675 32 | 500 00 | 600 00 | 7 45 | 900 00 | 600 00 | 1,750 00 | 900 00 | 13 81 | 1,750 00 | 1,731 41 | 18 59 |
| Windsor | 72 | 1,000 00 | 5,467 80 | 834 73 | 338 13 | 273 88 | 200 00 | 187 33 | 1,664 86 | 200 00 | 43 67 | 1,664 86 | 1,644 69 | 20 17 |
| Willsboro | 60 | 1,800 00 | 2,200 70 | 600 00 | 433 42 | 847 88 | 80 18 | 80 18 | 1,110 85 | 80 18 | ..... | 1,110 85 | 1,094 07 | 16 78 |
| Wilmington | 40 | 1,000 00 | 2,110 39 | 800 00 | 433 42 | 847 88 | 80 18 | 80 18 | 1,110 85 | 80 18 | ..... | 1,110 85 | 1,094 07 | 16 78 |
| Total | 1,291 | \$28,952 89 | \$94,440 74 | \$13,044 48 | \$9,070 78 | \$83,973 70 | \$6,700 87 | \$5,513 64 | \$39,637 15 | \$24,515 97 | \$31,187 23 | \$39,637 15 | \$37,243 45 | \$2,393 70 |

FRANKLIN COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total ex- penditures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|----------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Alamont | 25 | \$679 29 | \$9,765 97 | \$8,039 31 | \$3,736 66 | \$291 20 | \$87 06 | \$204 15 | \$396 27 | \$270 66 | \$125 61 | \$301 00 | \$297 80 | \$3 20 |
| Banger | 66 | 1,625 00 | 8,416 86 | 7,079 02 | 1,337 86 | 1,868 18 | 287 17 | 1,601 01 | 573 61 | 341 43 | 233 18 | 563 03 | 574 84 | 8 78 |
| Belmont | 108 | 2,254 53 | 5,247 16 | 5,164 16 | 63 00 | 709 63 | 709 63 | 1,601 01 | 200 00 | 154 46 | 45 54 | 1,005 18 | 980 32 | 74 86 |
| Bombay | 70 | 1,050 00 | 3,278 44 | 3,278 44 | 1,764 54 | 701 00 | 566 70 | 134 30 | 135 37 | 126 11 | 9 16 | 481 04 | 434 76 | 46 29 |
| Brandon | 46 | 1,150 00 | 4,031 31 | 3,674 10 | 357 21 | 400 00 | 374 21 | 135 79 | 143 84 | 143 84 | ..... | 676 91 | 676 91 | ..... |
| Brighton | 44 | 1,100 00 | 6,136 64 | 2,494 45 | 2,702 09 | 871 44 | 871 44 | ..... | 500 00 | 500 00 | ..... | 1,300 00 | 1,300 00 | ..... |
| Burke | 80 | 2,000 00 | 7,631 88 | 4,108 07 | 3,623 81 | 4,012 97 | 4,012 97 | ..... | 335 12 | 335 12 | 1 00 | 1,539 26 | 1,488 22 | ..... |
| Chateaugay | 92 | 2,300 00 | 8,193 63 | 6,408 39 | 1,785 23 | 998 06 | 201 26 | 796 77 | 460 71 | 460 71 | ..... | 1,263 24 | 932 78 | 165 00 |
| Constable | 59 | 1,475 00 | 3,477 04 | 3,453 23 | 18 81 | 718 77 | 718 77 | ..... | 124 06 | 106 02 | 18 04 | 874 31 | 591 20 | 108 69 |
| Dickinson | 70 | 1,120 00 | 2,796 23 | 2,229 26 | 566 97 | 983 30 | 219 81 | 473 49 | 100 93 | 41 47 | 59 46 | 884 80 | 476 79 | 72 61 |
| Duane | 40 | 1,000 00 | 2,197 28 | 2,197 28 | ..... | 766 60 | 766 60 | ..... | 36 50 | 11 18 | 25 32 | 417 83 | 417 83 | ..... |
| Fort Covington | 58 | 1,450 00 | 3,633 33 | 3,686 48 | 46 85 | 1,850 06 | 1,807 13 | 42 93 | 530 00 | 523 70 | 6 30 | 1,281 56 | 1,048 65 | 332 86 |
| Franklin | 128 | 3,200 00 | 9,447 57 | 7,125 40 | 2,322 17 | 1,871 07 | 783 90 | 1,087 17 | 3,665 23 | 1,665 23 | 2,000 00 | 2,669 63 | 2,136 14 | 534 09 |
| Harrisstown | 71 | 1,775 00 | 37,420 22 | 13,214 33 | 24,205 89 | 668 41 | 668 41 | 396 68 | 491 88 | 410 21 | 81 67 | 1,154 86 | 1,063 93 | 108 65 |
| Malone | 164 | 3,900 00 | 10,588 75 | 10,488 99 | 104 76 | 3,828 91 | 3,443 25 | 1,663 76 | 260 20 | 206 37 | 54 83 | 1,337 34 | 1,207 04 | 279 73 |
| Moira | 81 | 1,500 00 | 8,496 00 | 6,368 91 | 2,080 59 | 2,370 41 | 706 65 | 1,663 76 | 2,068 24 | 1,158 24 | 900 00 | 2,548 05 | 2,107 62 | 1,802 60 |
| Santa Clara | 66 | 1,600 00 | 7,967 99 | 2,633 67 | 5,335 23 | 2,413 66 | 54 38 | 2,359 28 | 302 25 | 109 14 | 193 11 | 516 10 | 745 53 | 83 90 |
| Waverly | 56 | 1,375 00 | 4,830 37 | 2,336 23 | 2,494 04 | 231 12 | 296 49 | ..... | ..... | ..... | ..... | 432 20 | 432 20 | ..... |
| Westville | 68 | 1,050 50 | 2,244 55 | 2,048 56 | 196 99 | 417 03 | 276 41 | 141 62 | 41 55 | 41 55 | ..... | 587 45 | 587 45 | ..... |
| Total | 1,377 | 181,834 23 | \$144,874 08 | \$63,343 24 | \$83,631 79 | \$25,781 81 | \$16,745 26 | \$99,039 56 | \$11,029 26 | \$7,276 93 | \$8,753 23 | \$20,968 45 | \$13,943 04 | \$3,616 56 |

FULTON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- pendi- tures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|--|--|--|
| Bleeker..... | 47 | \$1,000 00 | \$2,028 36 | \$1,792 96 | \$235 40 | \$35 00 | \$20 55 | \$4 45 | \$50 00 | \$48 00 | \$2 00 | \$1,200 00 | \$39 70 | \$66 01 |
| Brockton..... | 78 | 1,464 93 | 3,674 84 | 3,409 00 | 265 15 | 233 97 | 232 97 | ..... | 243 02 | 97 05 | 145 97 | 1,645 00 | 53 85 | ..... |
| Canaan..... | 45 | 1,400 00 | 2,397 10 | 2,123 64 | 273 46 | 450 00 | 446 59 | ..... | 85 96 | 74 55 | 11 40 | 639 16 | 41 89 | ..... |
| Easton..... | 70 | 1,200 00 | 5,444 51 | 1,902 68 | 3,541 83 | 2,875 90 | 2,838 02 | 39 88 | 183 85 | 131 95 | 51 90 | 1,214 48 | 25 20 | 130 33 |
| Johnston..... | 151 | 2,100 00 | 7,246 08 | 6,945 60 | 300 48 | 6,370 61 | 6,302 58 | 68 03 | 387 64 | 357 09 | 10 55 | 1,147 19 | 85 16 | ..... |
| Marblehead..... | 91 | 1,265 40 | 2,476 65 | 2,153 80 | 324 76 | 221 14 | ..... | ..... | 50 65 | 50 65 | ..... | 1,700 15 | 35 60 | ..... |
| Northampton..... | 59 | 1,475 00 | 3,253 26 | 2,555 18 | 698 08 | 947 70 | 942 76 | 4 94 | 61 15 | 53 13 | 9 02 | 1,762 75 | 39 98 | ..... |
| Northampton..... | 108 | 2,000 00 | 4,004 29 | 3,374 22 | 730 07 | 2,419 65 | 1,859 50 | 560 15 | 104 48 | 50 57 | 53 91 | 1,300 00 | 56 57 | 9 67 |
| Orleans..... | 159 | 1,475 00 | 2,906 76 | 2,639 52 | 267 24 | 2,150 20 | ..... | 540 20 | 29 96 | 6 30 | 23 65 | 1,300 00 | 56 57 | 23 60 |
| Pittsfield..... | 68 | 1,700 00 | 3,857 51 | 3,778 75 | 78 76 | 1,125 28 | 1,104 39 | 20 89 | 119 54 | 103 40 | 16 14 | 888 21 | 88 91 | 8 11 |
| Stratford..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 786 | \$14,280 33 | \$37,520 36 | \$30,575 13 | \$6,945 23 | \$14,718 45 | \$13,966 50 | \$751 95 | \$1,276 23 | \$871 64 | \$404 59 | \$14,301 25 | \$10,251 84 | \$238 23 |

GENESEE COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-----------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Alabama | 74 | \$1,880 00 | \$8,064 88 | \$7,981 87 | \$83 71 | \$3,151 34 | \$7,338 20 | \$316 14 | \$511 32 | \$406 43 | \$102 80 | \$1,386 27 | \$1,016 86 | \$142 29 |
| Alexander | 64 | 1,600 00 | 5,537 05 | 5,537 05 | 5,040 56 | 2,307 08 | 2,237 08 | 80 00 | 1,559 47 | 1,504 53 | 24 95 | 1,199 38 | 348 87 | 93 54 |
| Batavia | 88 | 3,000 00 | 11,069 20 | 6,018 64 | 5,040 56 | 2,500 00 | 2,398 44 | 110 56 | 403 13 | 127 63 | 274 50 | 1,388 60 | 1,388 60 | 00 00 |
| Bergen | 52 | 1,300 00 | 4,320 07 | 3,381 98 | 938 09 | 513 62 | 347 09 | 166 53 | 1,063 96 | 1,038 96 | 25 00 | 1,043 13 | 466 80 | 46 73 |
| Bethany | 69 | 1,725 00 | 5,700 83 | 5,630 94 | 79 89 | 1,184 75 | 1,116 10 | 68 65 | 1,320 02 | 1,288 91 | 31 11 | 1,068 47 | 708 00 | 187 47 |
| Byron | 71 | 1,775 00 | 16,041 42 | 6,758 09 | 10,183 33 | 1,205 56 | 1,205 56 | 00 00 | 594 57 | 538 00 | 66 57 | 985 79 | 808 01 | 985 79 |
| Darien | 92 | 2,300 00 | 10,254 38 | 10,188 08 | 56 30 | 1,574 02 | 1,481 63 | 92 39 | 1,643 52 | 1,613 44 | 30 08 | 1,137 75 | 550 38 | 9 01 |
| Elba | 59 | 1,475 00 | 4,583 35 | 4,067 21 | 486 14 | 1,041 88 | 723 27 | 318 61 | 710 00 | 583 15 | 126 85 | 1,763 67 | 1,353 37 | 410 30 |
| Le Roy | 77 | 2,278 12 | 7,103 77 | 5,778 59 | 1,325 18 | 1,877 93 | 1,800 00 | 87 93 | 600 00 | 583 15 | 16 85 | 1,600 80 | 816 66 | 782 14 |
| Oakfield | 40 | 900 00 | 4,090 60 | 3,488 95 | 601 74 | 1,463 72 | 1,300 00 | 163 72 | 612 06 | 583 15 | 27 91 | 784 88 | 599 41 | 185 47 |
| Pavilion | 83 | 2,505 82 | 8,809 82 | 8,788 40 | 21 42 | 1,839 72 | 1,800 00 | 39 72 | 720 06 | 720 06 | 00 00 | 700 00 | 664 12 | 135 88 |
| Pembroke | 78 | 1,950 00 | 5,930 80 | 5,785 91 | 144 89 | 733 31 | 706 23 | 27 08 | 553 44 | 549 45 | 8 99 | 1,211 75 | 758 01 | 153 74 |
| Shadford | 73 | 1,953 81 | 9,032 63 | 5,575 68 | 3,456 95 | 917 90 | 848 08 | 69 82 | 362 96 | 192 45 | 170 50 | 1,510 78 | 1,081 71 | 429 07 |
| Total | 920 | \$24,702 78 | \$101,368 79 | \$78,991 26 | \$22,401 40 | \$24,370 96 | \$20,344 74 | \$4,006 22 | \$10,419 39 | \$8,708 36 | \$1,711 03 | \$15,690 92 | \$10,228 79 | \$1,841 10 |

GREENE COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- pendi- tures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|--------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|---|---|
| Ashland..... | 39 | \$480 00 | \$1,454 58 | \$1,336 80 | \$317 78 | \$453 75 | \$359 57 | \$96 18 | \$31 91 | \$51 69 | \$10 23 | \$12 00 | \$373 31 | \$12 00 |
| Athens..... | 63 | 1,150 00 | 6,937 46 | 6,861 06 | 65 80 | 153 79 | 73 57 | 79 31 | 518 59 | 450 87 | 68 23 | 3,789 00 | 3,811 30 | 60 00 |
| Caro..... | 126 | 2,000 00 | 5,494 33 | 5,494 33 | ..... | 874 94 | 874 94 | ..... | 200 00 | 200 00 | ..... | 340 49 | 341 30 | ..... |
| Catskill..... | 115 | 3,108 42 | 12,437 69 | 12,400 43 | 37 27 | 3,078 07 | 2,381 31 | 696 76 | 534 25 | 536 54 | 7 81 | 1,809 66 | 966 43 | 6 04 |
| Coxsackie..... | 85 | 2,050 00 | 6,246 87 | 5,023 44 | 1,223 43 | 618 44 | 302 49 | 315 95 | 438 17 | 435 02 | 1 15 | 1,990 19 | 627 50 | 6 00 |
| Durham..... | 156 | 3,150 00 | 6,678 10 | 6,174 45 | 503 65 | 1,000 00 | 879 81 | 120 99 | 778 96 | 781 28 | 21 67 | 1,700 00 | 1,128 60 | 9 60 |
| Greenville..... | 101 | 2,525 00 | 5,702 25 | 5,090 95 | 611 30 | 2,633 35 | 2,303 73 | 319 61 | 703 68 | 703 68 | ..... | 1,842 55 | 1,827 27 | 13 28 |
| Halcott..... | 27 | 600 00 | 1,206 55 | 1,188 75 | 17 80 | 100 11 | 96 38 | 3 73 | 28 50 | 18 00 | 10 50 | 1,326 57 | 1,326 57 | 17 20 |
| Hunter..... | 58 | 1,500 00 | 7,692 99 | 7,362 66 | 330 43 | 1,028 24 | 985 32 | 43 73 | 1,343 33 | 1,317 81 | 25 49 | 5,168 04 | 4,932 22 | 215 82 |
| Jewett..... | 70 | 1,500 00 | 3,561 36 | 3,548 23 | 13 14 | 466 23 | 216 19 | 253 03 | 100 00 | 108 37 | 31 63 | 9 00 | 390 35 | 3 00 |
| Lexington..... | 70 | 1,750 00 | 3,756 22 | 3,600 06 | 156 16 | 1,400 00 | 1,494 95 | 5 05 | 200 07 | 198 66 | 3 41 | 391 66 | 236 40 | 1 28 |
| New Baltimore..... | 96 | 2,100 00 | 6,477 30 | 5,870 07 | 607 23 | 400 00 | 1,137 31 | 262 79 | 100 00 | 90 16 | 9 84 | 100 00 | 64 00 | 26 14 |
| Prattville..... | 37 | 700 00 | 1,674 11 | 1,391 07 | 283 14 | 357 88 | 321 82 | 36 06 | 80 55 | 65 99 | 14 69 | 47 84 | 10 50 | 23 34 |
| Windham..... | 63 | 1,432 00 | 3,847 91 | 3,511 79 | 336 17 | 480 38 | 480 38 | ..... | 80 75 | 78 81 | 1 94 | 343 53 | 169 33 | 62 20 |
| Total..... | 1,062 | \$24,445 42 | \$73,157 72 | \$68,755 47 | \$4,402 25 | \$13,139 17 | \$10,907 67 | \$2,321 50 | \$5,129 95 | \$4,923 38 | \$206 57 | \$12,740 91 | \$6,971 20 | \$589 09 |

HAMILTON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and tra- cellaneous fund | Total ex- penditures for snow and tra- cellaneous fund | Balance in snow and tra- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Arietta | 63 | \$1,375 00 | \$6,445 90 | \$6,077 04 | \$368 86 | \$1,870 63 | \$707 01 | \$1,073 62 | \$483 82 | \$319 02 | \$163 80 | \$2,909 35 | \$932 50 | \$222 80 |
| Benson | 17 | 425 00 | 1,604 51 | 1,320 75 | 83 76 | 83 26 | 54 60 | 38 57 | 79 25 | 40 75 | 38 50 | 240 75 | 240 75 | 240 75 |
| Hope | 33 | 550 00 | 1,212 30 | 1,142 76 | 69 44 | 93 86 | 28 01 | 67 85 | 30 77 | 20 51 | 10 28 | 287 54 | 286 38 | 285 01 |
| Indian Lake | 89 | 2,225 00 | 12,324 34 | 12,034 14 | 290 20 | 2,657 48 | 1,528 94 | 1,128 54 | 506 57 | 322 29 | 184 28 | 5,911 00 | 1,694 10 | 833 62 |
| Islet | 13 | 500 00 | 3,941 87 | 2,477 62 | 1,064 25 | 1,65 00 | 341 60 | 1,641 78 | 190 48 | 188 50 | 1 98 | 1,254 91 | 73 50 | 1,131 57 |
| Lake Pleasant | 65 | 1,625 00 | 5,777 20 | 5,756 53 | 20 67 | 1,983 47 | 4,084 08 | 1,641 78 | 556 22 | 502 67 | 53 55 | 2,217 81 | 1,399 91 | 2,217 81 |
| Long Lake | 83 | 2,125 00 | 12,767 66 | 12,767 66 | ..... | 4,100 69 | 4,084 08 | 16 51 | 1,069 13 | 1,069 13 | ..... | 6,312 15 | 1,876 75 | 6,311 56 |
| Morehouse | 30 | 831 27 | 2,631 27 | 2,587 44 | 43 83 | 604 17 | 604 17 | ..... | 407 08 | 407 08 | ..... | 2,422 35 | 1,064 30 | 2,422 35 |
| Wells | 66 | 1,650 00 | 5,192 80 | 4,398 85 | 793 95 | 844 01 | 844 01 | ..... | 425 00 | 325 00 | 100 00 | 772 11 | 601 58 | 692 58 |
| Total | 461 | \$11,508 27 | \$51,497 75 | \$48,762 79 | \$2,734 96 | \$12,372 47 | \$3,340 60 | \$4,031 87 | \$3,747 32 | \$3,194 95 | \$552 37 | \$22,327 97 | \$7,881 77 | \$1,061 92 |

HERKIMER COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total ex- penditures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Columbia | 87 | \$1,600 00 | \$6,149 15 | \$4,851 83 | \$1,297 32 | \$173 19 | \$173 19 | \$149 45 | \$453 30 | \$453 30 | \$38 09 | \$287 63 | \$383 75 | \$4 98 |
| Deane | 56 | 7,780 00 | 3,133 18 | 2,403 08 | 779 10 | 431 05 | 281 60 | \$149 45 | 103 88 | 134 19 | \$38 09 | 804 94 | 904 04 | |
| Fairfield | 58 | 2,025 00 | 7,225 72 | 5,695 37 | 1,530 35 | 376 26 | 52 38 | 322 88 | 215 35 | 73 77 | 141 68 | 1,260 47 | 1,307 99 | 42 48 |
| Frankford | 190 | 2,744 56 | 11,460 09 | 11,378 06 | 83 03 | 4,928 63 | 4,924 83 | 3 80 | 2,740 57 | 2,706 41 | 34 16 | 3,842 23 | 3,839 30 | 3 03 |
| German Flatts | 99 | 1,000 00 | 4,406 10 | 3,644 00 | 762 10 | 384 77 | 365 87 | 18 23 | 156 08 | 155 08 | 31 06 | 401 03 | 368 98 | 17 64 |
| Herkimer | 64 | 1,250 00 | 4,851 35 | 2,610 43 | 2,220 92 | 12,559 46 | 1,814 19 | 10,745 27 | 374 35 | 110 71 | 263 64 | 1,068 59 | 843 22 | 246 37 |
| Litchfield | 73 | 1,080 00 | 4,643 50 | 3,724 60 | 908 90 | 168 46 | 70 16 | 88 30 | 802 32 | 473 87 | 329 45 | 1,195 44 | 139 76 | 55 68 |
| Little Falls | 54 | 1,000 00 | 4,150 70 | 2,404 21 | 1,746 49 | 118 96 | 114 78 | 4 18 | 238 47 | 39 76 | 198 71 | 729 16 | 729 07 | 55 09 |
| Manheim | 56 | 1,513 07 | 6,817 15 | 4,472 90 | 2,344 25 | 800 00 | 577 67 | 222 33 | 404 80 | 247 46 | 157 34 | 1,183 35 | 1,183 35 | |
| Newport | 64 | 1,600 00 | 4,333 37 | 4,370 82 | 63 55 | 546 01 | 546 01 | | 94 50 | | | 137 80 | 127 80 | |
| Norway | 62 | 980 00 | 3,578 83 | 3,390 79 | 188 04 | 713 90 | 657 06 | 66 84 | 115 59 | 115 59 | | 378 67 | 378 67 | 59 67 |
| Ohio | 64 | 450 00 | 1,265 66 | 1,063 37 | 192 29 | 509 43 | 509 43 | | 98 00 | 98 00 | | 639 50 | 639 50 | |
| Russia | 114 | 2,345 53 | 5,820 46 | 5,768 25 | 52 21 | 2,407 71 | 2,402 82 | 4 89 | 235 59 | 212 50 | 13 09 | 999 19 | 903 15 | 23 29 |
| Salisbury | 119 | 1,920 00 | 6,159 68 | 3,944 49 | 2,215 19 | 3,670 47 | 2,265 23 | 305 24 | 540 65 | 173 98 | 367 67 | 1,249 76 | 949 90 | 99 86 |
| Schoharie | 76 | 1,000 00 | 4,781 48 | 3,483 03 | 1,298 45 | 3,378 00 | 3,364 22 | 13 78 | 256 43 | 230 73 | 25 69 | 1,265 08 | 1,263 52 | 2 56 |
| Stark | 66 | 1,200 00 | 3,446 03 | 1,909 59 | 1,536 44 | 774 91 | 749 88 | 25 03 | 100 23 | 16 20 | 84 03 | 927 64 | 927 64 | 329 37 |
| Warren | 76 | 1,120 00 | 4,100 06 | 2,130 43 | 1,969 63 | 1,106 22 | 305 94 | 802 38 | 356 62 | 314 80 | 41 82 | 515 08 | 495 00 | 20 68 |
| Webb | 64 | 1,120 00 | 5,370 64 | 1,107 26 | 4,263 38 | 314 50 | 314 50 | 186 10 | 333 27 | 269 46 | 93 81 | 1,049 80 | 648 30 | 401 50 |
| Winfield | 73 | 1,743 60 | 5,204 75 | 4,759 63 | 445 12 | 3,908 02 | 3,900 60 | 7 42 | 417 35 | 407 99 | 9 36 | 2,054 07 | 2,054 07 | 125 27 |
| Winfield | 51 | 1,375 00 | 4,412 48 | 3,529 87 | 882 61 | 1,811 82 | 1,810 82 | 1 00 | 467 78 | 467 78 | | 800 00 | 800 00 | |
| Total | 1,454 | \$27,845 76 | \$100,279 38 | \$80,698 03 | \$19,581 35 | \$58,087 65 | \$33,019 35 | \$13,068 30 | \$8,044 08 | \$6,824 05 | \$1,830 00 | \$19,800 62 | \$18,368 15 | \$1,432 47 |

JEFFERSON COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in high-way fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total expenditures for machinery fund | Balance in machinery fund | Total available for snow and celluloseous fund | Total expenditures for snow | Total expenditures for snow and celluloseous fund | Balance in snow and celluloseous fund |
|--------------|------------------------------|--------------------|-----------------------------------|--------------------------------------|--------------------------|---------------------------------|------------------------------------|------------------------|------------------------------------|---------------------------------------|---------------------------|--|-----------------------------|---|---------------------------------------|
| Adams | 86 | \$1,770 60 | \$13,917 10 | \$11,770 76 | \$2,146 34 | \$1,514 58 | \$1,514 58 | \$1,514 58 | \$718 95 | \$693 07 | \$55 88 | \$1,157 93 | \$268 50 | \$1,051 54 | \$116 35 |
| Alexandria | 117 | 2,925 00 | 20,121 14 | 20,035 65 | 85 49 | 1,550 00 | 1,550 00 | 1,550 00 | 1,646 65 | 1,545 65 | | 2,192 01 | 1,490 05 | 1,516 05 | 675 96 |
| Astoria | 168 | 2,921 44 | 15,963 70 | 14,592 49 | 1,371 21 | 1,900 20 | 1,878 99 | \$21 91 | 1,669 64 | 1,600 61 | | 1,285 09 | 1,216 75 | 1,270 63 | 14 46 |
| Brownville | 111 | 2,775 00 | 16,621 75 | 14,532 39 | 2,089 36 | 4,323 29 | 4,243 10 | 80 10 | 2,123 44 | 2,123 44 | | 1,240 64 | 1,212 89 | 1,337 64 | 3 00 |
| Cape Vincent | 99 | 2,475 00 | 12,788 08 | 12,788 08 | | 690 45 | 690 45 | | 2,683 18 | 2,582 18 | | 445 13 | 278 22 | 378 87 | 72 35 |
| Champion | 86 | 2,150 00 | 9,102 65 | 7,270 61 | 1,833 01 | 2,001 59 | 1,960 59 | 42 01 | 677 81 | 677 81 | | 1,788 73 | 1,335 48 | 1,788 73 | |
| Clayton | 132 | 2,687 87 | 18,407 30 | 15,688 63 | 2,718 67 | 1,319 73 | 1,381 48 | 32 07 | 591 84 | 591 84 | | 1,689 78 | 1,401 76 | 1,689 78 | |
| Ellisburg | 158 | 3,682 83 | 14,997 49 | 14,803 81 | 1,193 68 | 2,318 67 | 2,318 67 | | 1,304 99 | 1,304 99 | | 1,616 86 | 1,400 74 | 1,616 86 | 15 67 |
| Henderson | 72 | 1,341 74 | 10,213 60 | 8,642 50 | 1,601 10 | 736 69 | 314 40 | 411 23 | 459 78 | 459 78 | | 483 56 | 305 35 | 483 56 | 4 61 |
| Housfield | 88 | 2,200 00 | 12,553 71 | 10,411 35 | 2,142 36 | 1,385 61 | 1,265 10 | 110 41 | 644 31 | 624 70 | 19 53 | 1,013 17 | 844 67 | 1,013 17 | 67 70 |
| LeRoy | 145 | 3,095 23 | 16,074 61 | 13,424 48 | 2,650 13 | 1,128 64 | 1,059 17 | 69 37 | 500 00 | 426 33 | 73 67 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Lorraine | 73 | 1,638 81 | 9,596 23 | 8,457 66 | 1,108 87 | 1,143 16 | 1,142 83 | 48 07 | 689 06 | 689 06 | | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Lyme | 93 | 1,613 89 | 12,996 23 | 12,994 85 | 4 38 | 741 18 | 741 18 | | 602 00 | 482 61 | 19 39 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Oreana | 62 | 1,668 03 | 13,426 88 | 10,576 77 | 2,850 11 | 1,904 33 | 1,904 33 | | 629 09 | 595 67 | 35 42 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Pamela | 69 | 1,994 01 | 10,390 01 | 8,485 69 | 1,904 32 | 1,007 00 | 220 00 | 787 00 | 600 00 | 341 68 | 158 14 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Philadelphia | 69 | 1,725 00 | 14,218 59 | 12,765 66 | 1,450 93 | 2,415 01 | 2,415 01 | | 629 09 | 595 67 | 35 42 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Redman | 78 | 1,939 53 | 8,715 75 | 7,819 26 | 896 49 | 1,214 01 | 1,123 60 | 87 39 | 1,139 51 | 1,139 51 | | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Rutland | 93 | 2,325 00 | 11,080 38 | 10,583 25 | 507 13 | 1,723 26 | 1,723 26 | | 629 09 | 595 67 | 35 42 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Theresa | 93 | 2,325 00 | 13,315 65 | 13,029 06 | 286 59 | 1,602 53 | 1,375 36 | 227 17 | 629 09 | 595 67 | 35 42 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Watertown | 129 | 1,900 00 | 13,283 76 | 8,909 10 | 3,374 66 | 3,023 68 | 3,023 68 | | 1,114 47 | 1,091 86 | 22 61 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Wilm. | 72 | 2,796 75 | 14,612 64 | 12,795 11 | 1,817 53 | 2,294 43 | 2,294 43 | | 1,621 78 | 1,591 78 | 30 00 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Wilm. | 51 | 783 20 | 7,817 64 | 7,814 02 | 3 62 | 50 00 | 48 74 | 1 26 | 100 00 | 98 23 | 1 77 | 1,480 77 | 1,208 77 | 1,413 67 | 7 80 |
| Total | 2,204 | \$47,541 11 | \$289,415 19 | \$258,229 21 | \$31,185 98 | \$33,184 13 | \$30,606 81 | \$3,487 38 | \$18,723 81 | \$18,075 66 | \$648 15 | \$26,125 87 | \$18,325 68 | \$24,292 39 | \$1,833 48 |

LIVINGSTON COUNTY

| TOWNS | bor of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total expenditures for machinery fund | Balance in machinery fund | Total available for snow and miscellaneous fund | Total expenditures for snow and miscellaneous fund | Balance in snow and miscellaneous fund |
|---------------------|---------------------------|--------------------|-----------------------------------|--------------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------|------------------------------------|---------------------------------------|---------------------------|---|--|--|
| Avon..... | 71 | \$1,775 00 | \$96,316 00 | \$6,316 00 | \$272 57 | \$2,792 24 | \$2,545 48 | \$246 76 | \$942 28 | \$810 37 | \$31 91 | \$2,511 29 | \$931 90 | \$52 89 |
| Caledonia..... | 70 | 2,012 17 | 6,206 38 | 6,944 59 | 261 79 | 331 16 | 318 58 | 2 58 | 513 62 | 470 12 | 43 50 | 1,565 40 | 520 65 | 66 75 |
| Conesus..... | 78 | 1,200 00 | 3,737 29 | 3,671 72 | 65 57 | 380 90 | 25 02 | 355 88 | 300 00 | 299 58 | 42 07 | 869 12 | 159 09 | 187 02 |
| Genesee..... | 80 | 2,000 00 | 10,200 44 | 9,626 69 | 573 75 | 1,287 51 | 353 02 | 934 49 | 666 86 | 239 89 | 426 07 | 2,283 87 | 558 06 | 137 42 |
| Groveland..... | 79 | 1,975 00 | 7,101 58 | 7,067 24 | 34 34 | 1,334 46 | 1,334 46 | ... | 228 66 | 228 66 | ... | 336 19 | 284 00 | 5 22 |
| Leicester..... | 74 | 1,850 00 | 6,062 74 | 6,062 74 | ... | 3,896 10 | 2,926 02 | 970 08 | 391 17 | 196 67 | 194 50 | 706 06 | 171 96 | 330 87 |
| Lima..... | 55 | 1,579 83 | 6,098 37 | 4,602 41 | 6,402 41 | 924 87 | 501 79 | 123 08 | 501 79 | 333 20 | 377 94 | 1,878 15 | 722 59 | 534 10 |
| Lyons..... | 87 | 2,175 00 | 12,166 22 | 11,319 69 | 846 53 | 673 14 | 673 14 | 227 14 | 989 81 | 391 01 | 98 80 | 2,261 48 | 703 07 | 308 98 |
| Mount Morris..... | 93 | 2,325 90 | 8,267 02 | 6,582 58 | 1,684 44 | 1,261 03 | 1,261 03 | ... | 504 47 | 488 41 | 16 06 | 1,932 82 | 287 05 | 151 46 |
| North Danville..... | 20 | 500 00 | 2,061 02 | 1,455 15 | 605 87 | 532 07 | 265 56 | 266 51 | 50 00 | 49 30 | 233 20 | 1,014 05 | 58 80 | 15 65 |
| Onondaga..... | 79 | 1,975 00 | 6,000 14 | 5,970 07 | 30 07 | 2,050 34 | 2,041 18 | 9 16 | 1,158 38 | 925 18 | 232 47 | 1,014 05 | 439 62 | 300 77 |
| Oriskany..... | 74 | 1,850 00 | 34,550 77 | 26,471 78 | 8,078 99 | 2,334 83 | 1,956 52 | 378 31 | 387 71 | 223 47 | 158 24 | 295 42 | 193 45 | 285 42 |
| Portage..... | 71 | 1,750 00 | 7,316 58 | 4,326 09 | 2,990 49 | 4,885 92 | 3,013 37 | 1,972 55 | 321 86 | 51 77 | 270 09 | 877 99 | 320 01 | 537 45 |
| Sparta..... | 80 | 2,000 00 | 6,505 21 | 5,075 91 | 1,429 30 | 944 32 | 443 11 | 501 21 | 764 42 | 757 56 | 6 56 | 554 86 | 153 16 | 242 70 |
| Springwater..... | 120 | 3,000 00 | 7,738 99 | 6,833 75 | 1,904 25 | 3,314 02 | 1,108 78 | 3,130 24 | 480 96 | 322 15 | 158 81 | 1,497 00 | 254 31 | 934 53 |
| West Nyack..... | 60 | 1,110 00 | 3,900 99 | 2,287 59 | 1,613 40 | 1,117 08 | 1,108 16 | 8 92 | 141 04 | ... | 141 94 | 818 32 | 176 99 | 574 38 |
| York..... | 94 | 2,500 00 | 7,876 23 | 6,941 79 | 934 44 | 8,341 97 | 2,688 59 | 5,653 38 | 646 66 | 646 66 | ... | 1,582 94 | 439 94 | ... |
| Total..... | 1,295 | \$31,577 00 | \$142,850 58 | \$120,596 82 | \$22,251 76 | \$36,419 10 | \$21,638 81 | \$14,780 29 | \$9,099 94 | \$6,943 30 | \$2,156 64 | \$21,620 14 | \$6,359 56 | \$3,899 32 |

MADISON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total expendi- tures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|---|---|
| Brookfield..... | 171 | \$4,221 56 | \$15,548 50 | \$15,507 92 | \$40 58 | \$4,298 63 | \$3,598 38 | \$700 25 | \$598 17 | \$598 17 | \$243 24 | \$1,431 77 | \$1,431 77 | \$520 38 |
| Cazenovia..... | 108 | 2,700 00 | 11,408 34 | 9,775 43 | 1,632 91 | 4,386 41 | 4,184 78 | 201 63 | 2,710 84 | 2,467 60 | \$243 24 | 939 10 | 939 10 | 538 03 |
| De Ruyter..... | 65 | 1,625 00 | 5,962 98 | 5,851 77 | 1,111 21 | 5,000 00 | 5,000 00 | 201 63 | 80 53 | 80 53 | 321 26 | 321 26 | 321 26 | 321 26 |
| Eaton..... | 129 | 2,759 87 | 9,072 45 | 5,812 95 | 3,259 50 | 1,131 00 | 1,131 00 | 201 63 | 400 00 | 306 61 | 93 39 | 504 83 | 504 83 | 98 80 |
| Fenner..... | 71 | 1,754 13 | 4,063 62 | 3,068 05 | 1,004 97 | 2,04 84 | 2,01 94 | 2 90 | 700 59 | 699 23 | 1 36 | 108 37 | 108 37 | 67 58 |
| Georgetown..... | 70 | 1,170 00 | 2,969 39 | 2,621 34 | 3,083 05 | 1,004 17 | 940 40 | 163 77 | 234 28 | 197 16 | 37 12 | 282 54 | 282 54 | 276 54 |
| Hamilton..... | 85 | 1,800 00 | 5,723 80 | 4,630 09 | 1,093 71 | 2,247 79 | 2,247 79 | 345 96 | 355 50 | 355 50 | 24 05 | 688 92 | 688 92 | 404 47 |
| Lebanon..... | 89 | 2,225 00 | 6,685 96 | 5,396 52 | 2,89 44 | 2,859 59 | 2,513 63 | 345 96 | 775 00 | 750 95 | 24 05 | 688 92 | 688 92 | 404 47 |
| Lenox..... | 70 | 1,750 00 | 8,225 87 | 5,500 17 | 2,725 70 | 4,245 51 | 2,638 51 | 1,607 00 | 584 46 | 438 41 | 156 05 | 926 04 | 926 04 | 316 98 |
| Lincoln..... | 64 | 1,600 00 | 6,802 36 | 6,424 92 | 377 46 | 524 69 | 126 19 | 398 50 | 720 16 | 693 66 | 51 50 | 173 00 | 173 00 | 116 90 |
| Madison..... | 102 | 1,326 22 | 5,223 91 | 5,205 32 | 18 59 | 233 65 | 230 19 | 3 46 | 448 78 | 263 85 | 180 93 | 391 90 | 391 90 | 101 60 |
| Nelson..... | 94 | 2,291 04 | 9,325 33 | 9,247 61 | 77 72 | 387 80 | 387 80 | 83 15 | 302 57 | 263 75 | 39 82 | 77 88 | 77 88 | 74 61 |
| Smithfield..... | 58 | 1,294 61 | 2,943 63 | 2,284 65 | 658 98 | 125 00 | 41 85 | 83 15 | 150 00 | 124 88 | 25 12 | 104 40 | 104 40 | 104 40 |
| Stockbridge..... | 72 | 1,800 00 | 8,859 17 | 8,847 27 | 11 90 | 1,033 04 | 1,033 04 | 2,235 44 | 688 00 | 688 00 | 53 65 | 301 51 | 301 51 | 274 51 |
| Sullivan..... | 130 | 3,260 00 | 12,318 01 | 7,663 84 | 4,654 17 | 3,101 78 | 876 34 | 2,235 44 | 583 63 | 539 98 | 53 65 | 1,689 40 | 1,689 40 | 561 40 |
| Onondaga..... | 44 | 1,174 27 | 12,226 91 | 9,603 97 | 2,622 94 | 887 80 | 4 35 | 863 45 | 668 54 | 84 21 | 574 33 | 946 94 | 946 94 | 846 08 |
| Total..... | 1,422 | \$52,741 70 | \$126,280 53 | \$107,432 43 | \$18,847 88 | \$27,152 30 | \$20,556 70 | \$6,595 51 | \$9,971 05 | \$8,490 49 | \$1,490 56 | \$8,867 28 | \$8,867 28 | \$4,704 30 |
| | | | | | | | | | | | | | | \$725 85 |

MONROE COUNTY

[illegible]

NASSAU COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|--------------|--|-----------------------|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|--|---|--|
| Hempstead | 1,075 | \$49,500 00 | \$239,392 76 | \$153,766 68 | \$4,977 06 | \$3,169 17 | \$1,807 89 | \$720 92 | \$644 78 | \$76 14 | \$17,580 17 | \$1,133 03 | \$6,612 65 |
| N. Hempstead | 165 | 30,000 00 | 155,228 39 | 78,639 63 | 6,327 74 | 1,807 47 | 4,520 27 | 3,266 31 | 1,608 24 | 1,787 07 | 21,800 27 | 3,106 81 | 9,025 63 |
| Oyster Bay | 251 | 33,146 52 | 151,664 63 | 100,754 77 | 1,563 53 | 1,316 54 | 246 99 | 700 91 | 788 96 | 1 93 | 1,469 41 | 502 36 | 9,008 23 |
| Total | 1,491 | \$112,646 52 | \$546,385 77 | \$333,171 27 | \$12,868 33 | \$6,293 18 | \$6,575 15 | \$4,879 14 | \$3,043 00 | \$1,835 14 | \$40,839 85 | \$4,743 20 | \$16,241 51 |

NIAGARA COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for high-way fund | Total expenditures for high-way fund | Balance in high-way fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total expenditures for machinery fund | Balance in machinery fund | Total available for snow and miscellaneous fund | Total expenditures for snow and miscellaneous fund | Total expenditures for snow and miscellaneous fund |
|----------------|------------------------------|--------------------|-----------------------------------|--------------------------------------|--------------------------|---------------------------------|------------------------------------|------------------------|------------------------------------|---------------------------------------|---------------------------|---|--|--|
| Cambria..... | 65 | \$1,200 00 | \$5,135 06 | \$2,936 41 | \$1,849 65 | \$200 00 | \$1,037 50 | \$200 00 | \$400 00 | \$180 66 | \$219 34 | \$500 00 | \$319 26 | \$102 83 |
| Harland..... | 97 | 3,435 00 | 7,997 67 | 6,092 13 | 2,595 55 | 1,067 50 | 1,067 50 | 1,330 66 | 517 67 | 311 63 | 205 85 | 533 37 | 533 37 | 46 45 |
| Lewiston..... | 73 | 2,747 00 | 6,845 33 | 5,706 81 | 2,194 52 | 1,417 26 | 483 03 | 1,330 66 | 723 10 | 732 10 | 29 69 | 497 58 | 431 00 | 136 23 |
| Lockport..... | 103 | 2,575 00 | 10,637 49 | 8,601 29 | 3,326 20 | 2,587 34 | 483 03 | 1,330 66 | 539 00 | 492 10 | 126 99 | 902 58 | 876 35 | |
| Newfane..... | 107 | 3,740 00 | 11,199 23 | 8,604 49 | 3,321 78 | 2,587 34 | 3,267 83 | 1,06 83 | 600 00 | 432 89 | 55 61 | 483 83 | 416 50 | |
| Niagara..... | 15 | 1,760 00 | 6,067 74 | 4,325 84 | 1,844 19 | 2,212 53 | 2,339 39 | 81 74 | 303 74 | 273 95 | 28 78 | 270 92 | 254 50 | 16 23 |
| Pandion..... | 54 | 1,400 00 | 5,069 70 | 4,277 19 | 1,923 61 | 1,311 57 | 1,328 33 | 303 35 | 328 21 | 279 45 | 48 76 | 371 72 | 309 70 | 72 02 |
| Porter..... | 64 | 1,800 00 | 5,590 80 | 4,710 73 | 1,789 57 | 1,311 57 | 1,328 33 | 431 53 | 303 61 | 21 70 | 171 66 | 480 06 | 309 66 | 360 11 |
| Raydon..... | 124 | 2,000 00 | 15,290 30 | 10,616 20 | 2,906 08 | 456 73 | 630 83 | 431 53 | 723 22 | 623 68 | 20 69 | 1,874 33 | 1,874 33 | 39 20 |
| Sumner..... | 73 | 2,369 57 | 7,598 67 | 6,335 89 | 2,409 48 | 1,972 61 | 1,197 36 | 51 58 | 524 04 | 269 05 | 25 97 | 525 01 | 436 81 | 781 26 |
| Whitfield..... | 53 | 1,889 00 | 6,698 67 | 5,095 04 | 2,845 93 | 1,213 12 | 1,197 36 | 21 76 | 323 00 | 269 05 | 54 95 | 761 23 | 761 23 | 356 24 |
| Wilson..... | 53 | 2,537 43 | 9,685 86 | 9,377 60 | 3,307 73 | 2,181 93 | 317 46 | 1,364 47 | 1,056 06 | 999 31 | 26 75 | 1,185 06 | 779 92 | |
| Total..... | 934 | \$26,034 98 | \$100,931 23 | \$75,269 21 | \$35,642 02 | \$15,373 84 | \$11,379 75 | \$3,994 09 | \$6,294 84 | \$5,197 57 | \$1,067 27 | \$6,538 68 | \$6,891 97 | \$1,119 45 |

ONEIDA COUNTY

| TOWNS | Num-ber of miles of high-ways | State aid received | Total available for high-way fund | Total ex-penditures for high-way fund | Balance in high-way fund | Total available for bridge fund | Total ex-penditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total ex-penditures for machinery fund | Balance in machinery fund | Total available for snow fund | Total ex-penditures for snow fund | Balance in snow fund |
|-------------------|-------------------------------|--------------------|-----------------------------------|---------------------------------------|--------------------------|---------------------------------|-------------------------------------|------------------------|------------------------------------|--|---------------------------|-------------------------------|-----------------------------------|----------------------|
| Amnville..... | 101 | \$1,800 00 | \$2,425 80 | \$6,548 30 | \$1,875 00 | \$1,641 79 | \$3,288 00 | \$3 28 | \$164 15 | \$169 19 | \$1 96 | \$359 61 | \$324 75 | \$1 96 |
| Augusta..... | 71 | 1,200 00 | 5,197 39 | 4,043 39 | 1,444 00 | 161 30 | 34 16 | 331 42 | 500 00 | 178 58 | 331 42 | 163 60 | 25 52 | 120 80 |
| Ava..... | 53 | 1,450 00 | 8,038 36 | 6,913 10 | 1,711 16 | 313 97 | 178 90 | 135 07 | 643 37 | 643 37 | ..... | 1,334 86 | 961 23 | 42 68 |
| Boonville..... | 130 | 2,725 81 | 12,234 27 | 11,878 84 | 353 43 | 1,763 53 | 133 40 | 1,526 21 | 1,526 21 | 1,076 85 | 149 36 | 440 04 | 321 80 | 46 70 |
| Bridgewater..... | 49 | 1,235 00 | 8,246 51 | 7,713 68 | 1,125 83 | 1,140 81 | 150 00 | 304 14 | 304 14 | 304 14 | ..... | 943 63 | 763 35 | 123 55 |
| Camden..... | 39 | 2,002 50 | 9,837 49 | 7,543 54 | 2,263 95 | 674 13 | 766 14 | 491 86 | 491 86 | 491 86 | ..... | 308 00 | 211 40 | ..... |
| Deerfield..... | 68 | 1,400 00 | 9,553 13 | 3,266 74 | 6,385 39 | 440 90 | 59 10 | 28 79 | 300 00 | 271 24 | 28 79 | 900 00 | 581 70 | 30 |
| Florence..... | 102 | 1,600 00 | 6,345 72 | 3,673 28 | 2,673 44 | 1,337 27 | 78 73 | 437 37 | 437 37 | 75 20 | 363 17 | 700 50 | 697 04 | 3 46 |
| Floyd..... | 63 | 1,575 00 | 8,141 27 | 6,454 71 | 1,686 56 | 331 62 | 25 08 | 160 76 | 160 76 | 60 61 | 100 14 | 236 73 | 233 01 | 3 11 |
| Forestport..... | 66 | 967 50 | 5,857 37 | 1,716 42 | 4,140 85 | 1,197 02 | 25 08 | 25 08 | 250 00 | 250 00 | ..... | 2,143 01 | 1,097 79 | ..... |
| Lee..... | 77 | 1,050 00 | 9,454 49 | 6,918 67 | 2,535 82 | 1,423 43 | 971 98 | 3,976 42 | 3,976 42 | 3,976 42 | ..... | 1,494 63 | 1,401 63 | ..... |
| Marion..... | 96 | 2,350 00 | 8,897 28 | 7,335 39 | 1,571 89 | 10,175 73 | 208 81 | 136 84 | 136 84 | 88 75 | 43 09 | 260 63 | 203 20 | 51 33 |
| Marshall..... | 71 | 1,080 00 | 9,823 27 | 6,121 21 | 3,701 16 | 4,433 37 | 309 76 | 110 05 | 199 10 | 199 10 | 314 10 | 983 26 | 348 21 | 155 03 |
| New Hartford..... | 80 | 2,500 00 | 12,965 16 | 10,870 29 | 2,094 87 | 8,212 54 | 153 69 | 1,073 31 | 435 99 | 435 99 | 181 81 | 148 81 | 148 81 | ..... |
| Paris..... | 70 | 1,800 00 | 10,465 21 | 7,173 04 | 3,292 17 | 264 64 | 117 02 | 435 99 | 300 00 | 300 00 | 9 31 | 250 00 | 178 65 | 17 48 |
| Ransom..... | 70 | 1,750 00 | 3,751 75 | 1,414 84 | 2,336 91 | 622 66 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Rome..... | 128 | 3,200 00 | 18,668 36 | 14,494 57 | 4,173 79 | 1,381 34 | 1,366 86 | 14 88 | 410 32 | 218 17 | 198 15 | 637 98 | 570 60 | 45 48 |
| Sangerfield..... | 69 | 1,187 11 | 6,099 53 | 6,701 69 | 301 14 | 2,381 84 | 297 81 | 114 06 | 578 70 | 547 66 | 31 04 | 40 00 | 366 86 | 45 48 |
| Stauben..... | 85 | 1,819 36 | 8,066 53 | 6,337 26 | 1,729 27 | 5,899 02 | 6,376 81 | 509 21 | 535 15 | 466 98 | 69 16 | 393 55 | 299 09 | 103 46 |
| Trenton..... | 99 | 2,475 00 | 14,424 91 | 14,468 71 | 1,191 72 | 2,629 65 | 2,629 65 | ..... | 437 98 | 437 98 | ..... | 1,044 34 | 1,038 34 | ..... |
| Vernon..... | 166 | 3,250 00 | 11,575 71 | 13,034 71 | 1,790 20 | 2,629 65 | 2,629 65 | ..... | 437 98 | 437 98 | ..... | 1,044 34 | 1,038 34 | ..... |
| Vernon..... | 116 | 3,250 00 | 11,575 71 | 13,034 71 | 1,790 20 | 2,629 65 | 2,629 65 | ..... | 437 98 | 437 98 | ..... | 1,044 34 | 1,038 34 | ..... |
| Vienna..... | 116 | 3,250 00 | 11,575 71 | 13,034 71 | 1,790 20 | 2,629 65 | 2,629 65 | ..... | 437 98 | 437 98 | ..... | 1,044 34 | 1,038 34 | ..... |
| Western..... | 96 | 2,340 00 | 9,669 28 | 8,039 62 | 1,629 66 | 1,065 27 | 1,065 27 | ..... | 437 98 | 437 98 | ..... | 1,044 34 | 1,038 34 | ..... |
| West Merland..... | 103 | 2,154 90 | 16,502 74 | 16,298 72 | 204 02 | 775 12 | 21 91 | 2,038 90 | 255 07 | 255 07 | 3 06 | 487 74 | 487 74 | ..... |
| Whitestown..... | 54 | 2,719 51 | 16,719 07 | 16,302 03 | 417 04 | 679 36 | 679 36 | ..... | 437 98 | 437 98 | ..... | 487 74 | 487 74 | ..... |
| Total..... | 2,317 | \$51,551 03 | \$279,140 66 | \$220,196 39 | \$58,944 27 | \$43,258 16 | \$40,853 66 | \$18,644 55 | \$18,644 55 | \$13,096 97 | \$1,785 90 | \$12,580 89 | \$10,542 86 | \$2,001 69 |

ONONDAGA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for chime- ry fund | Total ex- penditures for chime- ry fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|---|--|--------------------------------------|--|---|--|
| Camilus..... | 75 | \$2,828.54 | \$14,862.99 | \$9,443.77 | \$5,419.22 | \$281.87 | \$92.65 | \$189.22 | \$408.04 | \$253.89 | \$154.75 | \$217.34 | \$47.00 | \$170.34 |
| Cleora..... | 84 | 1,617.78 | 4,875.89 | 1,973.83 | 2,902.07 | 2,730.13 | 2,417.35 | 312.78 | 202.63 | 136.25 | 66.38 | 718.92 | 714.20 | 4.72 |
| Clay..... | 101 | 2,049.46 | 7,901.20 | 7,232.99 | 668.51 | 1,158.07 | 1,148.09 | 12.98 | 646.67 | 610.18 | 36.49 | 1,540.61 | 1,391.50 | 149.11 |
| De Witt..... | 70 | 3,657.60 | 12,822.09 | 10,709.63 | 1,612.47 | 1,443.84 | 1,148.77 | 286.07 | 1,087.11 | 1,061.34 | 25.77 | 1,156.23 | 783.72 | 373.50 |
| Elbridge..... | 79 | 1,779.94 | 8,768.07 | 7,029.12 | 1,738.95 | 1,496.52 | 505.05 | 991.47 | 510.00 | 169.78 | 342.50 | 1,275.37 | 1,102.21 | 173.16 |
| Fulton..... | 94 | 2,350.00 | 5,290.54 | 5,199.40 | 91.14 | 1,770.09 | 155.10 | 614.99 | 200.66 | 169.78 | 30.88 | 400.74 | 400.00 | 74.74 |
| Geddes..... | 14 | 2,080.85 | 7,282.70 | 6,227.77 | 1,054.93 | 323.05 | 133.82 | 187.23 | 214.49 | 131.08 | 83.41 | 1,333.63 | 1,071.13 | 262.50 |
| Lafayette..... | 89 | 2,223.22 | 5,928.59 | 4,051.77 | 1,876.82 | 2,375.56 | 1,934.21 | 441.35 | 504.66 | 430.48 | 74.23 | 252.32 | 134.55 | 117.77 |
| Lewiston..... | 121 | 1,957.57 | 7,477.40 | 7,396.90 | 80.50 | 2,731.48 | 2,731.48 | 454.15 | 747.82 | 714.07 | 33.75 | 1,200.58 | 1,235.06 | 24.52 |
| Manlius..... | 113 | 2,825.00 | 10,754.38 | 8,451.47 | 2,302.91 | 3,185.63 | 893.77 | 6,878.99 | 650.43 | 631.34 | 19.09 | 1,000.00 | 994.80 | 5.20 |
| Marcellus..... | 76 | 1,886.82 | 8,123.98 | 4,789.50 | 3,334.48 | 963.54 | 472.85 | 489.69 | 239.99 | 124.36 | 115.63 | 221.09 | 101.63 | 101.46 |
| Onondaga..... | 153 | 4,283.06 | 14,919.00 | 11,602.39 | 3,316.61 | 3,909.90 | 3,163.19 | 746.71 | 610.00 | 582.29 | 27.71 | 753.68 | 748.08 | 7.60 |
| Otisco..... | 77 | 1,809.76 | 5,131.15 | 4,029.82 | 1,101.33 | 226.62 | 89.00 | 137.62 | 312.65 | 311.25 | 1.40 | 400.12 | 387.00 | 13.12 |
| Pompey..... | 163 | 3,183.89 | 8,775.24 | 5,896.06 | 2,879.18 | 3,080.28 | 642.56 | 2,437.72 | 225.63 | 142.15 | 83.48 | 200.25 | 164.53 | 35.72 |
| Rahula..... | 30 | 1,473.12 | 6,937.11 | 2,982.06 | 1,955.05 | 2,233.89 | 223.08 | 133.81 | 301.79 | 209.98 | 91.81 | 312.54 | 215.10 | 97.44 |
| Skaneateles..... | 96 | 2,250.92 | 16,937.11 | 13,839.77 | 3,097.34 | 2,892.50 | 348.88 | 2,543.62 | 540.50 | 513.84 | 26.66 | 499.83 | 594.86 | 25.78 |
| Spafford..... | 74 | 1,836.86 | 5,689.90 | 2,006.21 | 3,683.69 | 630.50 | 186.98 | 443.62 | 308.49 | 53.06 | 255.43 | 539.92 | 180.25 | 349.67 |
| Tully..... | 60 | 1,500.00 | 9,259.77 | 8,049.03 | 1,210.74 | 588.17 | 90.20 | 497.97 | 256.05 | 85.65 | 170.40 | 835.45 | 732.02 | 93.43 |
| Van Buren..... | 77 | 2,025.51 | 8,185.31 | 7,343.25 | 842.06 | 1,353.80 | 1,355.94 | 27.86 | 508.79 | 440.53 | 68.27 | 708.73 | 705.90 | 2.83 |
| Total..... | 1,635 | \$45,618.89 | \$167,155.01 | \$128,954.44 | \$38,200.57 | \$35,541.72 | \$17,704.97 | \$17,538.75 | \$83,477.03 | \$6,708.89 | \$1,708.14 | \$13,739.15 | \$11,720.44 | \$2,008.71 |

ONTARIO COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total expendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- chinery fund | Total expendi- tures for snow and ma- chinery fund | Balance in snow and ma- chinery fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|--|--|--|
| Bristol | 83 | \$1,750 00 | \$4,583 42 | \$4,148 01 | \$435 41 | \$725 21 | \$438 75 | \$286 46 | \$350 00 | \$278 03 | \$71 97 | \$749 51 | \$286 10 | \$463 41 |
| Canadara | 66 | 1,700 00 | 3,580 00 | 3,540 84 | 39 16 | 4,840 49 | 1,066 56 | 3,773 93 | 302 76 | 108 37 | 193 39 | 302 44 | 113 08 | 189 36 |
| Canastota | 127 | 3,120 00 | 17,358 23 | 17,199 66 | 158 57 | 6,838 87 | 6,146 43 | 662 44 | 645 00 | 630 66 | 10 34 | 1,065 00 | 641 46 | 423 54 |
| East Bloomsfield | 70 | 1,500 00 | 4,500 00 | 4,483 20 | 16 80 | 5,000 00 | 338 06 | 162 22 | 350 00 | 280 68 | 69 32 | 1,107 90 | 693 78 | 414 12 |
| Farrington | 86 | 1,900 00 | 6,017 22 | 5,554 09 | 463 13 | 1,596 50 | 374 98 | 1,221 52 | 350 00 | 108 39 | 241 61 | 1,197 90 | 390 89 | 797 01 |
| Genoa | 46 | 1,800 45 | 6,444 19 | 3,725 30 | 2,718 89 | 1,113 87 | 813 43 | 301 25 | 344 31 | 314 74 | 39 57 | 1,194 87 | 328 32 | 866 55 |
| German | 107 | 2,875 00 | 15,233 42 | 12,848 00 | 2,384 42 | 2,383 02 | 1,863 43 | 520 59 | 724 78 | 380 58 | 344 20 | 1,001 86 | 711 45 | 289 41 |
| Hopewell | 71 | 2,825 00 | 5,904 22 | 5,868 06 | 36 16 | 1,074 99 | 680 06 | 394 93 | 982 03 | 498 86 | 483 17 | 1,164 86 | 780 48 | 384 38 |
| Manchester | 81 | 1,875 00 | 6,310 84 | 5,877 15 | 433 69 | 1,531 56 | 1,359 57 | 171 99 | 542 00 | 536 28 | 7 72 | 2,000 52 | 811 42 | 1,189 10 |
| Naples | 75 | 1,700 00 | 21,804 89 | 14,585 07 | 7,219 82 | 2,983 24 | 2,609 32 | 373 92 | 1,226 68 | 1,154 10 | 78 58 | 2,956 43 | 1,745 02 | 1,211 41 |
| Oriskany | 148 | 3,700 00 | 6,270 43 | 5,880 57 | 389 86 | 1,707 43 | 2,709 50 | 997 92 | 808 41 | 639 48 | 168 93 | 1,406 19 | 1,185 28 | 220 91 |
| Richmond | 103 | 2,048 31 | 11,746 83 | 11,380 25 | 366 58 | 2,147 28 | 2,063 28 | 84 00 | 1,096 03 | 1,017 88 | 81 67 | 1,430 72 | 1,010 43 | 420 29 |
| Saga | 64 | 2,400 00 | 3,624 38 | 2,175 35 | 1,448 03 | 1,270 72 | 423 43 | 847 29 | 1,028 48 | 933 08 | 94 40 | 1,032 78 | 268 90 | 763 88 |
| South Bristol | 86 | 2,225 00 | 9,440 77 | 6,648 53 | 2,792 24 | 2,000 35 | 1,928 83 | 71 52 | 1,475 91 | 1,033 19 | 442 72 | 1,833 30 | 570 83 | 1,262 47 |
| Veter | 50 | 1,350 00 | 5,307 98 | 3,878 43 | 1,429 55 | 1,046 48 | 234 27 | 812 19 | 689 24 | 51 38 | 637 86 | 1,890 00 | 538 40 | 1,351 60 |
| West Bloomsfield | 1,348 | \$34,114 06 | \$135,198 79 | \$112,996 18 | \$22,202 61 | \$23,127 15 | \$22,657 54 | \$10,490 61 | \$11,225 77 | \$8,067 37 | \$3,158 40 | \$17,317 77 | \$9,969 17 | \$7,348 60 |
| Total | | | | | | | | | | | | | | |

ORLEANS COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|--|--|
| Albion | 52 | \$1,705 90 | \$6,798 75 | \$6,584 48 | \$214 27 | \$905 21 | \$340 13 | \$465 08 | \$443 46 | \$234 36 | \$209 10 | \$1,336 33 | \$598 16 | \$398 56 |
| Barre | 92 | 2,000 00 | 8,205 21 | 8,326 92 | 1,881 17 | 1,295 70 | 1,005 70 | 280 00 | 1,083 67 | 916 09 | 167 88 | 1,068 11 | 702 90 | 50 52 |
| Carlton | 90 | 2,500 00 | 9,435 60 | 9,826 92 | 2,749 63 | 2,749 63 | 658 60 | 2,091 03 | 647 76 | 449 40 | 198 36 | 1,128 00 | 570 77 | 310 90 |
| Chardon | 70 | 1,750 00 | 7,065 48 | 6,292 72 | 792 76 | 475 00 | 416 99 | 58 01 | 843 07 | 828 40 | 14 67 | 1,132 60 | 951 86 | 34 |
| Gaines | 51 | 1,995 57 | 7,308 35 | 5,930 59 | 1,377 76 | 699 40 | 699 40 | ..... | 538 86 | 354 60 | 184 26 | 1,111 40 | 445 35 | 5 92 |
| Kendall | 59 | 1,888 81 | 8,601 79 | 7,368 29 | 1,233 50 | 741 72 | 668 36 | 73 36 | 440 14 | 185 67 | 254 57 | 1,012 20 | 435 90 | 316 10 |
| Murray | 70 | 1,760 00 | 8,672 39 | 5,303 24 | 3,369 15 | 1,004 38 | 458 90 | 545 48 | 744 07 | 557 89 | 186 18 | 1,253 61 | 789 85 | 206 41 |
| Edgeway | 86 | 2,532 00 | 10,788 73 | 9,755 84 | 1,032 89 | 903 62 | 441 41 | 362 01 | 662 78 | 462 73 | 200 05 | 1,002 37 | 603 31 | ..... |
| Shady | 82 | 2,050 00 | 8,439 70 | 7,813 27 | 616 43 | 1,269 36 | 1,176 35 | 93 01 | 137 56 | 86 17 | 51 39 | 1,370 80 | 1,046 52 | ..... |
| Gates | 68 | 1,789 33 | 8,894 55 | 3,316 46 | 5,568 09 | 2,456 97 | 2,145 28 | 311 69 | 500 00 | 408 36 | 31 64 | 775 00 | 731 42 | 43 58 |
| Total | 720 | \$19,663 67 | \$85,210 55 | \$65,515 85 | \$16,694 70 | \$12,270 89 | \$8,011 12 | \$4,259 77 | \$6,041 67 | \$4,543 67 | \$1,498 10 | \$11,190 52 | \$6,966 04 | \$9,563 59 |
| | | | | | | | | | | | | | | \$1,028 93 |

OSWEGO COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- penditures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|-------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Albion..... | 81 | \$1,100 00 | \$8,216 08 | \$8,001 51 | \$231 53 | \$285 44 | \$292 97 | \$12 47 | \$500 00 | \$426 43 | \$73 57 | \$106 26 | \$2 64 | \$47 87 |
| Amoy..... | 61 | 1,000 00 | 4,612 12 | 3,152 08 | 1,469 44 | 1,685 71 | 1,685 71 | 1,685 71 | 402 15 | 402 15 | 18 99 | 127 87 | 5 50 | 16 32 |
| Bozanton..... | 50 | 794 80 | 1,619 89 | 1,507 02 | 1,122 87 | 1,425 00 | 391 87 | 33 13 | 175 00 | 156 01 | 18 99 | 85 13 | 5 50 | 16 32 |
| Conantia..... | 90 | 2,270 00 | 9,214 13 | 8,940 75 | 2,91 38 | 533 88 | 393 99 | 139 89 | 650 00 | 637 21 | 12 79 | 1,260 40 | 834 57 | 102 70 |
| Granby..... | 99 | 2,238 79 | 7,225 12 | 4,889 60 | 2,335 52 | 341 99 | 341 99 | 139 89 | 650 00 | 637 21 | 12 79 | 1,260 40 | 834 57 | 102 70 |
| Hastings..... | 98 | 2,372 04 | 7,708 38 | 7,451 84 | 2,256 54 | 648 25 | 542 92 | 105 33 | 651 63 | 641 76 | 39 89 | 2,432 08 | 2,432 08 | 123 87 |
| Madison..... | 100 | 2,500 00 | 11,610 12 | 10,155 56 | 1,454 56 | 1,190 09 | 1,064 92 | 105 17 | 930 00 | 808 71 | 123 29 | 1,972 81 | 1,438 19 | 660 08 |
| Mexico..... | 10 | 2,075 00 | 14,270 52 | 9,342 31 | 4,928 21 | 2,02 04 | 658 81 | 543 23 | 794 23 | 771 44 | 22 79 | 1,297 86 | 929 75 | 4 95 |
| New Haven..... | 71 | 1,775 00 | 8,402 10 | 8,435 98 | 56 12 | 217 98 | 217 98 | 217 98 | 313 09 | 313 09 | 22 79 | 283 03 | 181 04 | 87 54 |
| Oswego..... | 62 | 800 00 | 5,563 30 | 5,428 98 | 136 71 | 827 56 | 476 71 | 350 85 | 548 25 | 398 00 | 179 65 | 1,060 23 | 460 19 | 98 09 |
| Parish..... | 82 | 2,050 00 | 16,316 34 | 6,199 30 | 10,317 04 | 1,205 18 | 273 71 | 931 47 | 308 08 | 154 86 | 151 19 | 1,060 04 | 1,060 04 | 87 54 |
| Re-Jfield..... | 09 | 2,025 09 | 5,207 79 | 2,044 44 | 3,163 35 | 1,205 18 | 273 71 | 931 47 | 308 08 | 154 86 | 151 19 | 1,060 04 | 1,060 04 | 87 54 |
| Richland..... | 119 | 2,975 00 | 13,361 58 | 13,141 40 | 883 61 | 738 46 | 738 46 | 738 46 | 323 43 | 323 43 | 222 79 | 221 38 | 171 01 | 43 27 |
| Sandy Creek..... | 85 | 2,125 00 | 5,464 01 | 4,014 87 | 1,449 14 | 2,191 22 | 753 07 | 1,438 15 | 994 89 | 949 59 | 45 30 | 500 00 | 432 38 | 179 56 |
| Schroepel..... | 82 | 2,050 00 | 17,403 90 | 8,382 63 | 9,027 27 | 928 70 | 841 61 | 87 18 | 364 10 | 334 18 | 29 92 | 1,428 93 | 1,428 93 | 22 34 |
| Sorbia..... | 78 | 1,950 00 | 11,567 95 | 11,486 08 | 81 87 | 557 41 | 557 41 | 557 41 | 843 93 | 837 06 | 6 27 | 655 29 | 51 60 | 34 79 |
| Volney..... | 101 | 2,325 00 | 7,507 94 | 6,323 66 | 1,184 28 | 10,621 25 | 10,602 93 | 18 32 | 2,140 59 | 2,130 00 | 10 59 | 1,448 31 | 1,409 28 | 2 944 |
| West Monroe..... | 57 | 1,425 00 | 3,356 08 | 2,901 89 | 454 19 | 382 24 | 346 92 | 35 32 | 61 01 | 61 01 | 4 74 | 468 33 | 457 70 | 468 33 |
| Williamstown..... | 57 | 1,425 00 | 3,356 08 | 2,901 89 | 454 19 | 382 24 | 346 92 | 35 32 | 61 01 | 61 01 | 4 74 | 468 33 | 457 70 | 468 33 |
| Minnetto..... | 16 | 600 00 | 3,752 14 | 3,428 51 | 323 63 | 2,651 03 | 2,627 92 | 23 11 | 306 94 | 197 48 | 109 36 | 433 22 | 433 22 | 82 34 |
| Total..... | 1,714 | \$40,908 87 | \$179,203 33 | \$139,000 18 | \$40,203 15 | \$37,007 03 | \$32,517 90 | \$4,549 13 | \$19,678 51 | \$18,293 26 | \$1,288 25 | \$10,424 58 | \$12,919 90 | \$17,978 47 |
| | | | | | | | | | | | | | | \$1,446 07 |

OTSEGO COUNTY

| TOWNS | Number of miles of high-ways | State aid received | Total available for highway fund | Total expenditures for highway fund | Balance in highway fund | Total available for bridge fund | Total expenditures for bridge fund | Balance in bridge fund | Total available for machinery fund | Total expenditures for machinery fund | Balance in machinery fund | Total available for snow and miscellaneous fund | Total expenditures for snow and miscellaneous fund | Balance in snow and miscellaneous fund |
|---------------|------------------------------|--------------------|----------------------------------|-------------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------|------------------------------------|---------------------------------------|---------------------------|---|--|--|
| Burlington | 101 | \$1,872.23 | \$4,430.72 | \$3,445.22 | \$985.50 | \$441.75 | \$418.95 | \$22.80 | \$215.42 | \$202.56 | \$12.86 | \$903.88 | \$781.37 | \$22.51 |
| Butternuts | 116 | 2,461.16 | 5,964.07 | 4,680.31 | 1,274.76 | 1,375.52 | 1,420.30 | 155.22 | 384.04 | 197.04 | 187.00 | 609.87 | 577.23 | 32.64 |
| Cherry Valley | 88 | 1,524.98 | 4,088.90 | 4,021.57 | 67.42 | 131.55 | 123.41 | 8.14 | 300.00 | 206.65 | 93.35 | 435.75 | 435.75 | 0.00 |
| Deer Park | 40 | 1,186.00 | 2,755.25 | 1,785.75 | 969.50 | 30.00 | 15.07 | 14.93 | 125.61 | 90.41 | 26.20 | 209.61 | 209.61 | 0.00 |
| Elmore | 94 | 1,723.64 | 6,967.52 | 4,162.55 | 2,804.97 | 2,228.36 | 1,577.36 | 651.00 | 707.47 | 591.70 | 115.77 | 1,771.90 | 1,498.87 | 273.03 |
| Franklin | 65 | 1,438.19 | 3,716.83 | 3,405.34 | 311.20 | 263.97 | 249.20 | 15.28 | 268.16 | 263.31 | 4.85 | 244.92 | 241.91 | 3.01 |
| Hamlet | 98 | 1,280.99 | 3,799.67 | 2,781.11 | 1,009.56 | 533.96 | 533.40 | 15.47 | 282.12 | 280.50 | 1.62 | 521.91 | 521.91 | 0.00 |
| Hartwick | 83 | 1,453.97 | 3,131.47 | 2,879.72 | 271.75 | 1,179.24 | 1,060.00 | 90.24 | 180.00 | 173.51 | 6.49 | 591.80 | 591.80 | 0.00 |
| Laurie | 98 | 1,583.94 | 4,191.82 | 3,215.08 | 976.84 | 1,831.92 | 1,751.06 | 80.86 | 250.00 | 197.11 | 52.89 | 826.41 | 826.41 | 0.00 |
| Maryland | 141 | 2,967.13 | 9,814.38 | 4,016.85 | 5,797.53 | 1,007.72 | 973.54 | 34.18 | 456.35 | 455.87 | 0.48 | 532.00 | 532.00 | 0.00 |
| Midfield | 91 | 2,178.37 | 7,058.45 | 5,236.68 | 1,821.77 | 1,515.67 | 1,453.12 | 62.55 | 350.00 | 283.49 | 66.51 | 850.00 | 850.00 | 0.00 |
| Mifflin | 95 | 1,609.94 | 3,312.90 | 2,359.19 | 953.80 | 400.00 | 91.06 | 308.94 | 600.00 | 201.37 | 298.63 | 172.61 | 172.61 | 0.00 |
| Morris | 110 | 1,508.39 | 4,401.44 | 2,257.46 | 2,143.98 | 585.02 | 585.02 | 0.00 | 294.07 | 204.07 | 90.00 | 612.40 | 612.40 | 0.00 |
| New London | 81 | 1,236.00 | 5,506.55 | 3,940.28 | 1,566.27 | 1,108.91 | 1,003.88 | 105.03 | 203.26 | 188.54 | 14.72 | 583.86 | 583.86 | 0.00 |
| Oneonta | 81 | 1,260.82 | 3,338.36 | 2,721.90 | 616.46 | 783.48 | 783.48 | 0.00 | 208.24 | 202.87 | 5.37 | 273.81 | 273.81 | 0.00 |
| Oriskany | 120 | 2,324.49 | 9,630.94 | 4,780.00 | 4,851.94 | 783.48 | 783.48 | 0.00 | 579.45 | 579.45 | 0.00 | 1,554.74 | 1,554.74 | 0.00 |
| Pittsfield | 73 | 1,202.42 | 4,472.53 | 2,706.32 | 1,766.21 | 1,178.52 | 1,046.47 | 132.05 | 1,025.50 | 966.78 | 58.72 | 596.96 | 596.96 | 0.00 |
| Putnam | 61 | 851.78 | 2,603.69 | 2,555.47 | 48.22 | 1,763.35 | 2,008.61 | 20.78 | 632.81 | 108.50 | 544.31 | 466.76 | 466.76 | 0.00 |
| Rhine | 64 | 1,600.00 | 4,510.95 | 2,887.68 | 1,623.27 | 1,404.37 | 1,473.60 | 90.77 | 300.00 | 171.14 | 128.86 | 444.25 | 444.25 | 0.00 |
| Rhinecliff | 70 | 1,147.77 | 3,634.70 | 3,223.14 | 411.56 | 850.68 | 850.68 | 0.00 | 117.41 | 112.20 | 5.21 | 477.29 | 477.29 | 0.00 |
| Roseton | 104 | 2,205.93 | 6,434.83 | 4,233.14 | 2,201.69 | 432.66 | 432.66 | 0.00 | 232.08 | 232.08 | 0.00 | 543.03 | 543.03 | 0.00 |
| Spartanburg | 91 | 1,749.80 | 4,563.82 | 3,653.68 | 888.24 | 2,006.60 | 1,956.60 | 50.00 | 510.00 | 485.00 | 25.00 | 473.90 | 473.90 | 0.00 |
| Watkins | 81 | 1,232.60 | 2,510.86 | 2,158.85 | 352.01 | 2,006.60 | 2,006.60 | 0.00 | 234.19 | 234.19 | 0.00 | 443.20 | 443.20 | 0.00 |
| Westford | 103 | 1,701.49 | 3,880.43 | 3,467.54 | 412.89 | 1,065.31 | 463.53 | 601.78 | 513.43 | 205.60 | 307.83 | 812.17 | 812.17 | 0.00 |
| Total | 2,153 | \$38,988.04 | \$114,710.36 | \$82,249.04 | \$32,460.67 | \$22,620.06 | \$18,556.71 | \$4,063.35 | \$8,908.51 | \$6,453.14 | \$2,455.37 | \$14,840.52 | \$10,350.11 | \$4,490.41 |

PUTNAM COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Carmel | 94 | \$3,000 00 | \$10,990 82 | \$9,189 57 | \$1,801 25 | \$2,694 02 | \$1,138 72 | \$1,543 30 | \$1,012 82 | \$344 58 | \$768 24 | \$1,395 81 | \$838 55 | \$557 26 |
| Kent | 96 | 2,400 00 | 7,351 57 | 5,819 80 | 1,531 77 | 394 94 | 394 94 | ..... | 259 01 | 215 11 | 43 90 | 225 15 | 156 75 | ..... |
| Patterson | 62 | 1,000 00 | 3,181 33 | 3,111 94 | 69 39 | 2,751 20 | 266 36 | 2,484 84 | 201 42 | 133 10 | 68 32 | 274 10 | 231 50 | 224 50 |
| Phillipstown | 95 | 3,716 66 | 14,078 31 | 10,809 70 | 3,268 61 | 2,690 51 | 1,297 04 | 1,372 47 | 238 39 | 236 92 | 1 47 | 780 13 | 333 51 | 19 20 |
| Putnam Valley | 80 | 1,750 00 | 5,125 56 | 3,614 04 | 1,511 52 | 317 49 | 147 59 | 169 90 | 153 09 | 120 51 | 32 58 | 194 60 | 145 00 | 15 60 |
| Southeast | 82 | 4,232 94 | 19,819 01 | 9,336 85 | 10,482 16 | 7,365 16 | 4,895 74 | 2,469 42 | 771 19 | 155 85 | 615 34 | 1,002 82 | 673 27 | 329 55 |
| Total | 509 | \$16,099 60 | \$60,646 60 | \$41,881 90 | \$18,664 70 | \$16,182 32 | \$8,140 39 | \$8,041 93 | \$2,635 92 | \$1,106 07 | \$1,539 86 | \$3,872 61 | \$2,911 40 | \$961 21 |

RENSSELAER COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- pendi- tures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|----------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|---|---|
| Berlin..... | 80 | \$1,170 00 | \$3,274 36 | \$2,078 80 | \$1,195 56 | \$492 62 | \$340 35 | \$142 27 | \$510 33 | \$325 83 | \$184 50 | \$229 63 | \$224 48 | \$0 15 |
| Brunswick..... | 90 | 1,500 00 | 6,213 15 | 5,276 57 | 936 58 | 854 73 | 813 01 | 41 72 | 300 00 | 292 06 | 7 94 | 1,174 13 | 1,174 13 | 72 |
| East, Greenbush..... | 52 | 600 00 | 3,579 20 | 2,601 85 | 977 35 | 2,653 43 | 2,226 67 | 426 76 | 34 50 | 8 88 | 25 62 | 416 85 | 416 85 | 72 |
| Grafton..... | 80 | 1,200 00 | 4,263 03 | 2,238 45 | 2,024 58 | 435 54 | 244 97 | 190 57 | 147 41 | 61 74 | 85 70 | 133 83 | 19 90 | 104 93 |
| Hosick..... | 132 | 2,000 00 | 9,354 98 | 5,748 09 | 3,606 89 | 3,621 94 | 3,188 15 | 433 79 | 338 20 | 206 20 | 132 00 | 1,270 48 | 1,001 80 | 268 68 |
| Nassau..... | 102 | 1,500 00 | 5,497 38 | 4,987 61 | 509 77 | 1,572 50 | 832 74 | 739 76 | 250 72 | 134 86 | 115 86 | 551 84 | 459 29 | 98 55 |
| North Greenbush..... | 39 | 750 00 | 4,156 53 | 4,139 87 | 16 66 | 135 97 | 71 27 | 14 33 | 121 05 | 26 62 | 94 43 | 184 57 | 81 40 | 103 17 |
| Petersburg..... | 66 | 945 00 | 4,488 60 | 3,913 62 | 574 98 | 249 05 | 234 72 | 14 33 | 72 55 | 72 55 | ..... | 73 37 | 30 57 | 42 80 |
| Potstown..... | 153 | 1,800 00 | 10,191 48 | 6,854 19 | 3,337 29 | 1,294 07 | 744 60 | 549 77 | 516 88 | 376 28 | 140 40 | 737 70 | 704 90 | 20 80 |
| Postentkill..... | 65 | 830 25 | 4,352 70 | 4,324 56 | 28 14 | 291 37 | 501 97 | ..... | 233 99 | 233 99 | ..... | 291 00 | 291 00 | ..... |
| Sand Lake..... | 92 | 2,000 00 | 6,638 20 | 4,867 50 | 1,770 70 | 962 78 | 661 79 | 270 99 | 447 55 | 233 83 | 208 72 | 504 77 | 482 05 | 22 72 |
| Schaghticoke..... | 103 | 1,966 00 | 8,408 34 | 5,645 67 | 2,762 67 | 4,470 05 | 4,221 39 | 248 66 | 544 56 | 449 90 | 1,750 94 | 1,585 40 | 1,618 40 | 132 54 |
| Schoharie..... | 128 | 2,713 40 | 10,725 04 | 10,723 15 | 11 89 | 2,070 00 | 1,497 88 | 502 12 | 523 24 | 414 88 | 108 36 | 1,209 47 | 1,209 47 | ..... |
| Stephentown..... | 109 | 2,250 00 | 4,985 41 | 4,313 11 | 672 30 | 2,870 38 | 800 78 | 69 60 | 322 59 | 307 62 | 14 97 | 1,100 00 | 1,065 35 | 4 65 |
| Total..... | 1,291 | \$21,324 75 | \$86,138 40 | \$67,713 04 | \$18,425 36 | \$20,195 23 | \$16,500 29 | \$3,695 04 | \$4,363 40 | \$3,150 24 | \$1,213 16 | \$9,631 30 | \$7,936 29 | \$663 91 |

ROCKLAND COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- penditures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Clarkstown..... | 123 | \$7,190 15 | \$39,894 75 | \$28,518 57 | \$1,376 18 | \$3,564 47 | \$2,755 23 | \$809 24 | \$759 34 | \$755 80 | \$3 54 | \$1,800 33 | \$248 33 | \$257 38 |
| Haverstraw..... | 13 | 1,087 75 | 4,355 54 | 4,272 45 | 83 09 | 1,224 81 | 1,224 81 | ..... | 235 47 | 235 47 | ..... | 1,063 73 | 447 78 | 168 74 |
| Orangetown..... | 63 | 5,338 77 | 25,072 37 | 17,567 85 | 7,504 52 | 7,000 13 | 6,859 88 | 200 25 | 337 58 | 307 10 | 30 48 | 1,957 31 | 767 45 | 12 72 |
| Ramapo..... | 123 | 5,435 81 | 29,849 62 | 19,987 37 | 9,862 25 | 1,335 45 | 1,163 91 | 171 54 | 1,522 53 | 914 24 | 608 29 | 1,717 89 | 676 17 | 376 26 |
| Stony Point..... | 49 | 2,308 18 | 8,907 13 | 8,888 49 | 18 64 | 961 32 | 1,803 95 | 157 37 | 238 44 | 96 91 | 141 53 | 505 17 | 300 24 | 4 93 |
| Total..... | 371 | \$21,360 66 | \$98,079 41 | \$79,234 73 | \$18,844 68 | \$14,146 18 | \$12,907 78 | \$1,338 40 | \$3,063 36 | \$2,309 52 | \$783 84 | \$7,034 43 | \$2,439 97 | \$720 03 |

ST. LAWRENCE COUNTY

[illegible]

SARATOGA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Ballston | 60 | \$1,265.20 | \$0,379.20 | \$5,176.61 | \$1,202.59 | \$817.31 | \$817.31 | | \$585.83 | \$595.83 | | \$2,018.50 | \$1,979.06 | \$39.44 |
| Charlton | 09 | 1,214.03 | 2,958.42 | 2,701.43 | 256.99 | 608.50 | 608.50 | | 127.00 | 120.92 | \$6.08 | 2,401.27 | 2,401.27 | |
| Clifton Park | 101 | 1,550.00 | 6,054.06 | 5,188.95 | 865.11 | 939.87 | 906.82 | \$33.05 | 505.89 | 505.89 | | 2,012.39 | 2,012.39 | |
| Corinth | 66 | 1,351.04 | 2,710.24 | 2,485.06 | 221.18 | 1,918.36 | 1,861.09 | 57.26 | 508.37 | 508.37 | | 1,364.75 | 1,061.93 | 312.82 |
| Day | 66 | 742.51 | 2,574.70 | 1,485.25 | 1,089.45 | 1,950.00 | 1,933.50 | 1.50 | 36.75 | 33.10 | 3.65 | 716.40 | 709.05 | 7.35 |
| Edinburg | 52 | 571.95 | 3,588.36 | 3,103.45 | 484.91 | 353.17 | 353.17 | 3.68 | 60.67 | 60.67 | | 224.51 | 209.33 | 15.18 |
| Galway | 101 | 1,063.70 | 5,026.32 | 4,012.48 | 1,013.84 | 128.46 | 22.88 | 105.58 | 129.75 | 128.12 | 1.63 | 2,360.93 | 2,369.93 | 15.18 |
| Greenfield | 128 | 1,815.20 | 5,210.87 | 4,168.55 | 1,042.32 | 376.90 | 376.90 | | 304.87 | 263.48 | 41.39 | 1,021.40 | 1,431.54 | 175.46 |
| Hadley | 01 | 1,525.00 | 3,345.07 | 3,316.84 | 28.23 | 438.69 | 438.69 | | 047.04 | 647.04 | | 2,800.10 | 1,021.40 | 1,778.70 |
| Half Moon | 75 | 2,294.80 | 8,557.04 | 7,170.45 | 1,386.59 | 471.22 | 362.50 | 108.72 | 409.74 | 464.99 | 4.75 | 2,800.10 | 2,795.90 | 4.20 |
| Mails | 59 | 852.87 | 2,290.01 | 2,183.43 | 106.58 | 113.93 | 113.93 | | 66.50 | 66.50 | | 1,635.02 | 1,635.02 | |
| Milton | 93 | 2,325.00 | 5,292.29 | 3,867.94 | 1,424.35 | 15,085.17 | 15,516.67 | 468.50 | 508.62 | 508.62 | | 1,509.64 | 1,509.64 | |
| Moreau | 84 | 1,910.51 | 7,852.90 | 7,085.03 | 767.87 | 1,642.61 | 1,157.67 | 484.93 | 303.65 | 180.94 | 122.71 | 2,039.07 | 2,022.10 | 16.97 |
| Northernland | 76 | 1,277.25 | 4,351.48 | 3,807.46 | 544.02 | 1,500.53 | 411.66 | 88.87 | 108.11 | 90.79 | 21.32 | 1,792.40 | 1,604.42 | 187.98 |
| Providence | 64 | 1,315.77 | 2,768.78 | 2,762.84 | 5.94 | 1,631.94 | 1,103.33 | 528.61 | 84.61 | 77.68 | 6.93 | 1,077.34 | 896.06 | 181.28 |
| Saratoga | 98 | 1,719.85 | 6,251.01 | 5,760.22 | 490.79 | 1,689.30 | 1,679.27 | 10.23 | 301.36 | 10.34 | 291.02 | 1,520.95 | 1,445.84 | 75.11 |
| Saratoga Springs | 60 | 1,720.62 | 6,001.12 | 5,489.23 | 511.89 | | | | | | | | | |
| Stuwater | 100 | 2,000.00 | 6,765.76 | 5,899.20 | 866.56 | 686.93 | | | | | | | | |
| Waterford | 12 | 548.18 | 4,130.58 | 1,151.76 | 2,978.82 | 301.52 | 226.95 | 74.57 | 52.75 | 12.69 | 40.06 | 439.96 | 380.00 | 5.99 |
| Weston | 82 | 1,442.15 | 3,938.02 | 3,018.74 | 919.28 | 455.73 | 363.45 | 92.28 | 118.41 | 76.35 | 42.06 | 842.00 | 840.36 | 1.64 |
| Total | 1,511 | \$29,107.55 | \$96,042.23 | \$79,844.92 | \$16,197.31 | \$29,259.01 | \$27,070.05 | \$2,188.96 | \$5,606.34 | \$5,026.70 | \$581.64 | \$29,467.25 | \$26,669.19 | \$972.13 |

SCHENECTADY COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund | |
|------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|----------|
| Duanesburg | 117 | \$3,000 00 | \$11,655 35 | \$7,890 67 | \$3,764 68 | \$4,200 99 | \$940 39 | \$3,360 60 | \$1,108 33 | \$1,026 20 | \$82 13 | \$3,485 20 | \$2,410 19 | \$3,083 39 | \$401 81 |
| Glenville | 102 | 2,925 00 | 14,520 92 | 10,521 55 | 3,999 37 | 2,280 03 | 2,100 03 | 179 12 | 561 93 | 285 32 | 276 61 | 4,475 87 | 4,213 66 | 4,475 87 | ..... |
| Niskayuna | 37 | 2,100 00 | 10,804 33 | 8,054 11 | 2,750 22 | 2,100 00 | 2,023 13 | 76 87 | 510 00 | 398 91 | 111 09 | 481 10 | 365 17 | 395 17 | 85 93 |
| Princeton | 46 | 840 00 | 8,773 92 | 7,770 37 | 1,003 55 | 950 00 | 919 51 | 30 49 | 121 55 | 110 28 | 11 27 | 450 00 | 424 30 | 424 30 | 25 70 |
| Rotterdam | 74 | 2,100 00 | 12,406 13 | 8,973 78 | 3,432 35 | 1,664 59 | 1,664 59 | ..... | 505 45 | 308 34 | 197 11 | 2,376 00 | 1,656 80 | 2,225 75 | 150 25 |
| Total | 413 | \$10,985 00 | \$58,160 65 | \$43,210 48 | \$14,950 17 | \$11,195 61 | \$7,548 53 | \$3,647 08 | \$2,897 26 | \$2,129 05 | \$678 21 | \$11,268 17 | \$9,070 02 | \$10,604 48 | \$663 69 |

SCHOHARIE COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|---|--|--------------------------------------|--|---|--|
| Rienstein | 63 | \$1,000 00 | \$3,139 79 | \$3,139 79 | \$1,628 92 | \$353 11 | \$521 90 | \$353 11 | \$80 41 | \$80 41 | ..... | \$172 34 | \$39 06 | \$24 33 |
| Broome | 110 | 1,300 00 | 1,748 45 | 1,748 45 | 937 07 | 263 31 | 263 31 | 92 09 | 38 34 | 38 34 | \$43 29 | 373 81 | 187 79 | 186 02 |
| Carlisle | 63 | 1,540 00 | 4,874 55 | 4,874 55 | 1,784 23 | 319 82 | 612 59 | 319 82 | 539 18 | 539 18 | 132 21 | 963 50 | 859 67 | 133 83 |
| Cobleskill | 59 | 1,475 00 | 4,368 00 | 4,368 00 | 1,770 06 | 209 18 | 209 18 | 451 87 | 559 54 | 204 24 | 356 30 | 2,905 47 | 1,299 58 | 1,505 89 |
| Conserve | 75 | 1,300 00 | 2,326 18 | 2,326 18 | 637 07 | 499 19 | 499 19 | ..... | 201 14 | 80 56 | 120 58 | 170 14 | 44 21 | 96 06 |
| Essex | 40 | 1,000 00 | 3,022 43 | 3,022 43 | 901 45 | 628 79 | 628 79 | 272 66 | 118 29 | 118 29 | 7 03 | 519 33 | 283 55 | 1 20 |
| Fulton | 115 | 1,665 00 | 3,199 45 | 3,199 45 | 5,054 13 | 39 44 | 2,790 22 | 39 44 | 81 45 | 81 45 | 63 81 | 1,485 67 | 1,453 25 | 32 43 |
| Gilboa | 122 | 3,050 00 | 5,691 26 | 5,691 26 | 2,235 85 | 446 62 | 563 30 | 56 68 | 144 26 | 348 31 | ..... | 828 47 | 472 23 | ..... |
| Jefferson | 90 | 1,440 00 | 4,125 14 | 3,766 51 | 3,068 63 | 632 74 | 632 74 | 80 00 | 249 53 | 244 02 | 6 51 | 1,478 34 | 439 75 | 6 67 |
| Middleburgh | 101 | 2,625 00 | 4,653 09 | 4,653 09 | 2,013 65 | 138 96 | 5,253 33 | 138 96 | 619 36 | 594 25 | 25 11 | 1,465 76 | 440 43 | 121 35 |
| Richmondville | 71 | 1,155 70 | 2,407 75 | 2,407 75 | 1,218 17 | 88 92 | 824 37 | 88 92 | 245 85 | 96 80 | 147 05 | 317 58 | 921 46 | 544 30 |
| Schoharie | 54 | 825 65 | 2,783 86 | 2,783 86 | 355 78 | 7,448 65 | 7,242 16 | 206 49 | 168 22 | 163 65 | 5 57 | 638 61 | 283 19 | 33 39 |
| Seward | 78 | 1,950 00 | 2,848 90 | 2,848 90 | 3,600 03 | 1,910 57 | 1,864 43 | 46 14 | 675 91 | 675 91 | 25 25 | 1,524 16 | 468 87 | 100 74 |
| Sharon | 75 | 1,800 00 | 4,819 71 | 4,819 71 | 783 02 | 765 12 | 1,735 76 | 29 36 | 513 58 | 307 71 | 205 87 | 652 67 | 1,406 19 | 27 97 |
| Summit | 79 | 1,170 00 | 2,199 93 | 2,199 93 | 3,290 39 | 196 92 | 69 20 | 196 92 | 137 94 | 137 94 | 57 46 | 510 55 | 332 99 | 644 74 |
| Wright | 64 | 1,041 60 | 2,736 23 | 2,736 23 | 1,338 04 | 1,007 92 | 1,007 92 | 76 51 | 73 86 | 73 86 | 2 65 | 510 55 | 474 31 | 4 24 |
| Total | 1,259 | \$24,297 95 | \$63,575 09 | \$36,428 50 | \$26,006 17 | \$23,600 52 | \$2,404 65 | \$4,821 15 | \$3,650 46 | \$1,170 69 | \$15,086 97 | \$5,505 22 | \$12,108 61 | \$3,586 36 |

SCHUYLER COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-----------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|--|---|--|
| Catherine | 72 | \$1,900 00 | \$3,859 12 | \$2,940 35 | \$1,018 77 | \$641 01 | \$385 11 | \$255 90 | \$200 00 | \$122 91 | \$77 09 | \$209 99 | \$50 00 | \$159 99 |
| Cayuta | 38 | 322 00 | 1,938 31 | 1,780 60 | 188 26 | 300 20 | 79 13 | 221 07 | 106 14 | 53 12 | 53 02 | 169 86 | 19 50 | 150 36 |
| Dix | 90 | 2,280 00 | 6,878 26 | 3,038 19 | 2,840 07 | 407 56 | 112 60 | 294 90 | 342 26 | 63 64 | 278 72 | 789 00 | 810 13 | 178 87 |
| Hector | 249 | 5,600 00 | 19,592 44 | 19,410 52 | 181 92 | 1,237 31 | 1,136 28 | 101 03 | 1,157 12 | 1,157 12 | 812 79 | 812 79 | 812 79 | 288 93 |
| Monmouth | 41 | 900 00 | 3,066 00 | 2,759 52 | 296 08 | 2,206 42 | 2,206 42 | 40 36 | 379 40 | 371 14 | 8 26 | 963 00 | 30 25 | 932 75 |
| Orange | 115 | 2,000 00 | 4,118 72 | 4,117 66 | 1 06 | 700 00 | 659 64 | 40 36 | 114 65 | 114 65 | 201 78 | 201 78 | 75 37 | 126 41 |
| Reading | 61 | 1,825 00 | 6,889 14 | 5,870 13 | 19 01 | 504 60 | 377 47 | 127 13 | 320 88 | 259 22 | 61 66 | 587 95 | 569 46 | 78 49 |
| Tyone | 98 | 1,800 00 | 5,564 41 | 5,336 07 | 228 34 | 1,021 26 | 1,021 26 | ..... | 200 00 | 141 05 | 58 95 | 438 16 | 431 75 | 6 41 |
| Total | 763 | \$16,400 00 | \$49,894 40 | \$46,123 89 | \$4,771 51 | \$7,018 35 | \$6,977 96 | \$1,040 39 | \$2,820 45 | \$2,282 75 | \$637 70 | \$4,172 53 | \$3,185 07 | \$987 46 |

SENECA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and nu- cleaceous fund | Total ex- penditures for snow and nu- cleaceous fund | Balance in snow and nu- cleaceous fund |
|--------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Corvet..... | 70 | \$1,750 00 | \$10,755 24 | \$6,509 47 | \$4,245 77 | \$1,015 44 | \$912 93 | \$102 51 | \$600 00 | \$451 45 | \$148 55 | \$924 88 | \$790 84 | \$133 94 |
| Payette..... | 142 | 2,500 00 | 9,008 83 | 7,708 48 | 1,300 34 | 1,721 65 | 893 31 | 827 84 | 750 52 | 434 55 | 324 97 | 1,533 41 | 1,492 60 | 44 81 |
| Idaho..... | 65 | 1,575 00 | 4,435 87 | 4,284 03 | 151 83 | 103 83 | 243 75 | 157 56 | 145 50 | 135 18 | 7 38 | 476 06 | 441 63 | 34 43 |
| Idaho..... | 71 | 1,925 00 | 7,589 74 | 5,461 00 | 908 74 | 400 00 | 103 83 | 296 63 | 450 00 | 380 18 | 59 90 | 600 00 | 451 63 | 148 37 |
| Idaho..... | 71 | 1,775 00 | 7,518 43 | 4,504 66 | 3,013 77 | 500 00 | 449 84 | 33 15 | 557 69 | 587 68 | 59 90 | 823 14 | 520 91 | 302 23 |
| Idaho..... | 84 | 2,100 00 | 7,015 73 | 4,090 74 | 2,924 99 | 500 00 | 274 51 | 234 23 | 980 75 | 700 54 | 279 21 | 708 48 | 646 49 | 63 99 |
| Idaho..... | 38 | 1,389 45 | 9,417 58 | 4,138 10 | 5,279 48 | 1,709 30 | 773 81 | 914 23 | 375 87 | 145 40 | 231 27 | 1,033 88 | 933 60 | 100 28 |
| Idaho..... | 82 | 1,300 00 | 3,739 81 | 1,733 80 | 2,006 01 | 634 83 | 233 94 | 318 47 | 129 79 | 145 40 | 101 39 | 433 33 | 433 33 | 0 00 |
| Idaho..... | 41 | 1,000 00 | 3,147 58 | 2,893 32 | 2,854 26 | 854 83 | 418 06 | 16 59 | 320 75 | 319 79 | 13 96 | 781 70 | 690 47 | 83 23 |
| Idaho..... | 46 | 1,824 17 | 6,637 64 | 4,978 41 | 1,659 23 | 999 89 | 77 54 | 622 35 | 117 09 | 117 09 | 0 00 | 238 86 | 234 16 | 4 70 |
| Total..... | 704 | \$16,811 62 | \$89,318 44 | \$46,501 03 | \$22,817 41 | \$8,227 95 | \$4,712 79 | \$3,515 16 | \$4,444 01 | \$3,327 28 | \$1,116 73 | \$7,775 25 | \$6,507 09 | \$7,319 09 |
| | | | | | | | | | | | | | | \$456 16 |

STEBUEN COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-----------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Addison..... | 51 | \$1,275 00 | \$4,968 49 | \$4,135 53 | \$832 96 | \$650 00 | \$635 42 | \$14 58 | \$280 31 | \$251 08 | \$28 63 | \$314 13 | \$183 40 | \$26 03 |
| Arcos..... | 82 | 1,200 00 | 9,357 71 | 8,999 91 | 357 80 | 3,273 73 | 3,273 73 | 523 71 | 439 72 | 439 72 | ..... | 400 14 | 183 76 | 366 68 |
| Bath..... | 207 | 5,175 00 | 7,809 99 | 7,809 99 | 647 72 | 2,809 34 | 2,839 63 | 523 71 | 574 11 | 569 16 | 4 95 | 2,000 58 | 434 30 | 628 81 |
| Bradford..... | 57 | 900 00 | 4,038 68 | 3,220 52 | 818 10 | 1,633 37 | 401 21 | 163 16 | 81 23 | 60 54 | 20 60 | 339 57 | 127 75 | 211 82 |
| Canaan..... | 106 | 2,640 00 | 9,994 79 | 9,237 17 | 737 62 | 1,023 66 | 1,555 07 | 468 59 | 271 04 | 194 98 | 76 06 | 1,569 38 | 947 29 | 612 09 |
| Campbell..... | 85 | 1,200 00 | 6,246 33 | 6,246 33 | ..... | 1,367 83 | 1,343 58 | 24 25 | 139 42 | 97 34 | 42 08 | 1,496 87 | 147 18 | 130 86 |
| Canaan..... | 94 | 2,350 00 | 8,215 35 | 8,209 30 | 6 05 | 1,345 49 | 1,061 33 | 284 16 | 1,121 01 | 1,056 86 | 64 15 | 1,382 73 | 301 53 | 9 85 |
| Canton..... | 91 | 2,275 00 | 8,331 53 | 7,251 22 | 1,080 31 | 336 87 | 1,243 23 | 83 64 | 704 06 | 704 06 | ..... | 726 28 | 216 56 | 4 00 |
| Colebrook..... | 129 | 3,150 00 | 12,646 87 | 11,391 47 | 1,255 40 | 1,812 78 | 1,618 36 | 194 42 | 536 40 | 528 45 | 7 95 | 1,082 61 | 398 60 | 348 81 |
| Cornwall..... | 87 | 2,175 00 | 6,694 39 | 5,078 31 | 1,616 08 | 1,065 19 | 672 15 | 383 04 | 602 23 | 521 12 | 81 11 | 903 21 | 86 35 | 558 55 |
| Danville..... | 124 | 2,100 00 | 6,528 23 | 4,445 06 | 2,083 17 | 6,501 72 | 3,693 95 | 2,807 77 | 404 81 | 149 25 | 255 56 | 856 66 | 28 15 | 195 69 |
| Erwin..... | 59 | 1,050 00 | 3,211 12 | 3,171 11 | 40 01 | 1,325 80 | 1,297 77 | 26 03 | 775 90 | 714 08 | 61 22 | 1,043 29 | 278 75 | 38 24 |
| Fremont..... | 81 | 2,025 00 | 9,754 44 | 9,047 39 | 707 05 | 983 15 | 257 65 | 725 50 | 927 85 | 159 62 | 91 94 | 1,618 77 | 37 25 | 21 48 |
| Greenwood..... | 94 | 2,400 00 | 7,981 29 | 7,832 33 | 148 96 | 654 37 | 23 90 | 630 47 | 927 85 | 468 43 | 459 42 | 1,637 29 | 4 90 | 97 68 |
| Hartsville..... | 67 | 1,675 00 | 2,850 00 | 1,686 46 | 1,163 54 | 1,392 06 | 965 47 | 426 59 | 102 72 | 97 13 | 5 90 | 200 00 | 111 14 | 18 00 |
| Hornby..... | 91 | 1,800 00 | 4,020 98 | 2,582 12 | 1,438 86 | 421 98 | 238 46 | 183 52 | 250 00 | 201 55 | 48 45 | 490 86 | 195 37 | 100 51 |
| Hornville..... | 90 | 2,250 00 | 9,362 92 | 9,182 55 | 180 37 | 2,515 18 | 2,421 66 | 136 52 | 768 30 | 358 18 | 410 12 | 599 56 | 195 37 | 50 34 |
| Howard..... | 147 | 3,675 00 | 11,677 94 | 8,392 36 | 3,285 58 | 567 24 | 431 06 | 136 18 | 388 96 | 333 45 | 71 29 | 638 22 | 204 54 | 94 56 |
| Jasper..... | 112 | 2,800 00 | 8,853 95 | 8,745 14 | 108 81 | 738 86 | 681 54 | 67 32 | 404 74 | 333 45 | 198 20 | 720 23 | 27 34 | 338 83 |
| Lindley..... | 76 | 1,760 00 | 3,154 50 | 3,144 50 | 10 00 | 3,029 00 | 1,728 25 | 1,313 75 | 806 88 | 837 90 | 198 20 | 1,171 63 | 749 46 | 183 55 |
| Prattburgh..... | 117 | 2,925 00 | 7,110 05 | 6,554 86 | 555 19 | 3,039 66 | 624 23 | 653 82 | 906 88 | 806 88 | 379 26 | 465 18 | 63 05 | 196 13 |
| Pulney..... | 87 | 1,750 00 | 9,139 45 | 6,096 98 | 3,042 47 | 580 32 | 506 90 | 73 42 | 636 94 | 267 68 | 16 64 | 1,075 42 | 91 00 | 992 04 |
| Rathbone..... | 88 | 1,285 26 | 10,285 26 | 6,030 27 | 4,254 99 | 579 75 | 578 53 | 1 22 | 329 43 | 312 79 | 15 12 | 813 06 | 23 40 | 83 38 |
| Thurston..... | 89 | 1,600 00 | 4,996 01 | 2,148 43 | 2,846 58 | 967 28 | 726 24 | 231 04 | 248 83 | 93 73 | 155 12 | 113 06 | 333 17 | 379 91 |
| Troopburg..... | 122 | 2,620 00 | 5,942 74 | 5,291 84 | 650 90 | 1,488 64 | 780 76 | 707 88 | 150 00 | 121 42 | 28 58 | 357 03 | 115 39 | 60 04 |
| Tuscarora..... | 90 | 2,000 00 | 6,838 78 | 5,490 51 | 1,348 27 | 1,579 93 | 1,08 86 | 471 07 | 375 28 | 535 82 | 63 47 | 662 98 | 346 27 | 206 71 |
| Urbana..... | 98 | 2,450 00 | 9,480 01 | 8,544 01 | 935 99 | 1,807 63 | 2,777 30 | 80 53 | 1,545 68 | 1,282 41 | 42 26 | 1,174 88 | 147 05 | 483 54 |
| Wayland..... | 90 | 2,000 00 | 10,110 47 | 8,339 77 | 1,770 70 | 274 62 | 245 82 | 28 80 | 300 38 | 209 38 | 90 11 | 1,256 80 | 225 25 | 1,128 80 |
| Wayne..... | 93 | 3,325 00 | 7,946 12 | 6,354 57 | 1,591 55 | 301 48 | 10 80 | 290 68 | 201 09 | 110 98 | 90 11 | 345 90 | 36 03 | 286 37 |
| West Union..... | 100 | 2,500 00 | 6,888 39 | 5,172 90 | 1,715 49 | 703 08 | 398 19 | 304 89 | 419 06 | 419 08 | 111 68 | 503 06 | 169 16 | 330 90 |
| Wheeler..... | 113 | 1,800 00 | 8,360 39 | 8,317 11 | 43 28 | 1,148 73 | 278 31 | 870 42 | 455 00 | 343 12 | 111 68 | 304 40 | 59 63 | 23 90 |
| Woodhill..... | 125 | 3,125 00 | 9,155 17 | 7,452 62 | 1,702 55 | 2,266 60 | 2,146 13 | 120 47 | 501 54 | 422 14 | 79 40 | 423 00 | 146 12 | 49 73 |
| Total..... | 3,094 | \$70,055 00 | \$239,616 71 | \$204,203 43 | \$35,413 28 | \$45,349 59 | \$33,031 11 | \$12,218 48 | \$13,742 53 | \$13,717 93 | \$3,024 90 | \$25,451 41 | \$5,181 49 | \$5,452 71 |

SUFFOLK COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance for snow and mis- cellaneous fund |
|-------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|---|---|
| Babylon..... | 128 | \$4,475 13 | \$31,561 17 | \$7,434 55 | \$24,126 62 | \$1,554 68 | \$22 51 | \$1,533 17 | \$719 67 | \$550 61 | \$169 06 | \$3,104 32 | \$305 25 | \$4,143 06 | \$4,032 27 |
| Brooklyn..... | 471 | \$0,401 35 | 146,068 32 | 114,689 71 | 31,149 61 | 4,203 45 | 1,768 04 | 2,435 41 | 1,230 77 | 1,151 80 | 78 97 | 6,589 96 | 535 23 | 4,440 77 | 2,146 19 |
| Easthampton... | 153 | 6,555 05 | 44,562 00 | 42,264 13 | 2,327 87 | 176 13 | ..... | 176 13 | 1,483 46 | 1,483 46 | ..... | 1,400 67 | 288 94 | 1,267 13 | 1,133 54 |
| Framingham... | 267 | 16,724 61 | 130,684 04 | 72,765 50 | 57,918 54 | 3,712 86 | 332 37 | 3,380 49 | 1,578 49 | 1,396 65 | 181 84 | 3,149 60 | ..... | 1,224 92 | 1,924 08 |
| Leip..... | 201 | 27,000 00 | 93,847 75 | 81,190 85 | 12,656 90 | 3,212 86 | 478 35 | 2,739 30 | 500 36 | 483 67 | 16 89 | 5,338 97 | 651 00 | 4,913 68 | 4,426 29 |
| Riverhead..... | 138 | 5,916 04 | 41,968 34 | 40,990 73 | 967 61 | 1,671 32 | 1,117 33 | 553 99 | 821 40 | 676 96 | 144 44 | 2,240 52 | 747 12 | 1,717 86 | 523 66 |
| Shelter Island... | 20 | 2,350 00 | 8,654 33 | 3,395 68 | 5,258 65 | 1,197 08 | 85 50 | 111 58 | 213 94 | 95 86 | 118 08 | 924 64 | ..... | 838 79 | 85 85 |
| Smithtown..... | 126 | 6,382 82 | 32,909 37 | 18,033 60 | 14,875 77 | 3,608 80 | 165 75 | 3,443 05 | 519 02 | 247 64 | 271 38 | 1,006 27 | 139 25 | 392 00 | 614 27 |
| Southampton... | 325 | 12,323 05 | 114,667 51 | 110,364 64 | 4,292 87 | 7,534 51 | 5,379 89 | 2,154 62 | 1,583 95 | 1,489 29 | 64 66 | 13,353 27 | 958 16 | 11,572 56 | 759 71 |
| Southold..... | 124 | 7,571 39 | 46,555 96 | 32,683 83 | 13,872 43 | 15,713 35 | 15,542 67 | 170 68 | 965 95 | 826 18 | 139 77 | 4,008 83 | 801 68 | 2,073 39 | 1,935 44 |
| Total..... | 1,953 | \$109,090 44 | \$691,508 70 | \$524,062 92 | \$167,445 87 | \$41,589 83 | \$24,892 41 | \$16,697 42 | \$9,586 01 | \$8,401 12 | \$1,184 89 | \$45,186 05 | \$4,336 62 | \$32,562 15 | \$12,603 90 |

SULLIVAN COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|-------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Bethel | 162 | \$3,200 00 | \$8,983 63 | \$6,959 30 | \$2,024 33 | \$1,069 61 | \$835 19 | \$234 42 | \$398 65 | \$374 86 | \$23 79 | \$717 42 | \$633 22 | \$84 20 |
| Calhoun | 120 | 3,000 00 | 8,469 47 | 7,663 64 | 806 83 | 404 82 | 345 77 | 58 75 | 424 71 | 398 83 | 25 88 | 103 45 | 80 62 | 24 03 |
| Canaan | 78 | 1,950 00 | 6,338 88 | 6,218 50 | 120 38 | 920 37 | 332 71 | 575 66 | 723 41 | 703 82 | 20 59 | 587 02 | 336 83 | 240 99 |
| Danbury | 88 | 2,000 00 | 6,840 71 | 3,967 46 | 2,873 25 | 973 26 | 171 78 | 825 47 | 626 51 | 170 86 | 455 65 | 400 00 | 372 89 | 37 11 |
| Falmouth | 203 | 5,625 00 | 11,477 31 | 10,304 42 | 1,172 89 | 1,652 89 | 969 17 | 888 70 | 1,594 86 | 1,034 08 | 460 78 | 1,418 94 | 1,114 80 | 302 00 |
| Frederburgh | 64 | 1,450 00 | 3,970 87 | 3,692 98 | 268 89 | 453 74 | 218 12 | 238 40 | 131 27 | 130 41 | 21 86 | 598 64 | 539 86 | 45 60 |
| Greenville | 120 | 3,000 00 | 6,183 09 | 6,100 08 | 83 01 | 484 74 | 361 80 | 133 29 | 147 11 | 108 62 | 38 48 | 682 99 | 169 34 | 40 76 |
| Highland | 77 | 1,925 00 | 5,844 58 | 5,628 59 | 215 99 | 375 19 | 278 06 | 142 13 | 412 11 | 404 57 | 7 54 | 904 42 | 822 04 | 382 58 |
| Liberty | 184 | 4,450 00 | 12,549 46 | 11,313 11 | 2,236 35 | 2,315 35 | 2,195 41 | 157 94 | 1,361 00 | 1,350 18 | 10 82 | 1,539 35 | 1,418 08 | 111 29 |
| Lemington | 189 | 3,000 00 | 8,820 61 | 4,162 88 | 4,657 73 | 2,763 17 | 1,894 56 | 867 15 | 481 04 | 481 04 | 19 12 | 230 30 | 230 30 | 77 31 |
| Mansfield | 189 | 3,000 00 | 8,902 00 | 8,775 61 | 126 39 | 2,196 00 | 1,938 30 | 258 70 | 260 00 | 182 82 | 117 18 | 323 81 | 266 40 | 170 99 |
| Northampton | 144 | 3,000 00 | 8,361 00 | 9,957 83 | 2,403 17 | 2,241 97 | 2,227 38 | 18 79 | 170 17 | 185 58 | 25 53 | 868 64 | 887 67 | 170 99 |
| Rockland | 144 | 3,000 00 | 12,804 00 | 9,453 63 | 3,350 37 | 2,626 40 | 1,958 32 | 48 66 | 845 17 | 868 36 | 176 81 | 1,990 94 | 910 31 | 380 63 |
| Thompson | 176 | 4,000 00 | 10,715 92 | 7,763 48 | 2,952 44 | 1,824 47 | 1,266 55 | 954 20 | 2,810 77 | 2,696 09 | 114 68 | 2,258 17 | 1,633 46 | 394 48 |
| Tuxton | 66 | 1,450 00 | 5,739 28 | 5,739 28 | ..... | 580 53 | 215 03 | 365 50 | 544 89 | 486 02 | 59 27 | 526 10 | 480 10 | 46 00 |
| Total | 1,901 | \$45,450 00 | \$123,122 84 | \$103,668 44 | \$19,454 40 | \$18,065 12 | \$13,979 97 | \$4,085 15 | \$10,532 33 | \$9,063 06 | \$1,478 67 | \$12,376 38 | \$10,139 39 | \$3,236 99 |

TIOGA COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total expendi- tures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|--------------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|--|--|--|
| Barton..... | 132 | \$2,065 08 | \$6,805 05 | \$4,598 15 | \$2,207 90 | \$2,872 46 | \$2,314 94 | \$557 52 | \$583 75 | \$183 34 | \$399 41 | \$943 11 | \$350 12 | \$354 54 |
| Berkshire..... | 58 | 1,211 61 | 3,207 95 | 2,775 89 | 432 06 | 4,575 00 | 4,101 11 | 164 89 | 188 00 | 171 30 | 14 70 | 215 63 | 145 87 | 215 63 |
| Cander..... | 191 | 4,728 66 | 10,131 82 | 10,131 82 | ..... | 4,279 49 | 4,186 24 | 93 25 | 461 79 | 461 79 | ..... | 545 47 | 345 75 | 67 73 |
| Newark Valley..... | 89 | 1,438 12 | 5,133 37 | 3,553 65 | 1,639 72 | 926 13 | 882 26 | 43 87 | 198 87 | 81 05 | 117 82 | 633 33 | 358 98 | 257 35 |
| Nichols..... | 73 | 1,433 18 | 4,368 20 | 4,257 51 | 110 69 | 1,700 75 | 1,047 50 | 653 25 | 306 67 | 242 88 | 63 79 | 1,474 02 | 121 80 | 321 20 |
| Omego..... | 224 | 5,600 00 | 13,669 56 | 8,812 46 | 4,857 10 | 6,423 90 | 6,100 50 | 323 40 | 500 00 | 500 00 | ..... | 918 40 | 831 53 | 1 03 |
| Richford..... | 73 | 1,587 97 | 3,304 94 | 2,725 25 | 579 69 | 1,260 23 | 1,020 37 | 239 86 | 542 55 | 250 73 | 291 82 | 1,135 81 | 376 51 | 66 11 |
| Spencer..... | 100 | 2,500 00 | 5,178 98 | 3,179 98 | 1,968 99 | 2,691 60 | 1,316 04 | 1,375 56 | 400 04 | 53 31 | 346 73 | 472 40 | 257 66 | 118 62 |
| Tioga..... | 127 | 3,026 19 | 9,475 60 | 6,063 10 | 3,392 50 | 3,097 92 | 2,423 07 | 674 85 | 782 52 | 738 34 | 44 18 | 548 35 | 183 02 | 137 67 |
| Total..... | 1,067 | \$23,631 81 | \$61,336 47 | \$46,117 82 | \$15,218 05 | \$23,827 48 | \$19,700 93 | \$4,126 55 | \$2,964 19 | \$2,655 74 | \$1,278 45 | \$6,786 52 | \$2,981 24 | \$1,324 25 |

TOMPKINS COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total ex- pendi- tures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|----------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|--|---|
| Caroline | 124 | \$3,100 00 | \$5,922 87 | \$4,208 40 | \$1,784 27 | \$905 90 | \$905 90 | \$905 90 | \$212 37 | \$212 37 | | \$239 03 | \$101 12 | \$47 91 |
| Danby | 125 | 1,800 00 | 6,556 31 | 6,089 48 | 466 83 | 1,460 60 | 1,460 60 | 1,460 60 | 372 29 | 372 29 | | 390 00 | 390 00 | |
| Dryden | 192 | 4,760 00 | 20,866 49 | 20,866 49 | | 1,662 43 | 1,662 43 | 1,662 43 | 639 20 | 639 20 | | 2,137 08 | 1,850 31 | 276 77 |
| Enfield | 79 | 1,975 00 | 6,880 87 | 4,808 02 | 2,072 85 | 1,487 87 | 1,487 87 | 1,487 87 | 313 43 | 237 34 | \$78 09 | 1,567 64 | 349 28 | 248 56 |
| Groton | 108 | 2,700 00 | 10,583 10 | 10,463 11 | 118 99 | 3,431 64 | 2,040 85 | 1,450 79 | 990 85 | 714 59 | 276 26 | 1,433 10 | 36 40 | 843 10 |
| Ithaca | 80 | 2,000 00 | 11,384 25 | 10,928 49 | 455 76 | 1,510 34 | 1,510 34 | 1,510 34 | 310 71 | 257 90 | 52 81 | 1,23 89 | 40 50 | 123 89 |
| Levant | 142 | 3,000 00 | 9,283 30 | 8,457 40 | 825 90 | 1,027 24 | 455 15 | 572 09 | 153 12 | 153 12 | | 234 78 | | 143 06 |
| Newfield | 141 | 3,195 00 | 7,176 00 | 6,243 06 | 932 94 | 5,000 00 | 4,245 22 | 754 78 | 294 94 | 284 45 | 12 49 | 1,170 11 | 1,048 66 | 121 55 |
| Ulysses | 100 | 2,500 00 | 12,469 73 | 10,187 45 | 2,282 28 | 241 69 | 233 05 | 8 64 | 639 95 | 639 95 | | 1,625 74 | 1,625 74 | |
| Total | 1,001 | \$25,030 00 | \$90,120 72 | \$79,253 50 | \$10,866 25 | \$15,315 46 | \$11,715 69 | \$4,099 77 | \$3,928 86 | \$3,511 21 | \$417 65 | \$7,931 57 | \$6,250 03 | \$1,680 94 |

ULSTER COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|---|----------------------------------|--|--|---------------------------------|--|--|--------------------------------------|--|--|--|
| Denning..... | 101 | \$1,250 00 | \$3,509 89 | \$2,315 82 | \$1,191 07 | \$904 49 | \$756 81 | \$147 68 | \$32 85 | \$44 05 | \$8 80 | \$466 12 | \$396 37 | \$28 00 |
| Exopus..... | 74 | 2,500 00 | 9,965 73 | 8,547 98 | 1,417 75 | 1,510 08 | 1,480 06 | 30 02 | 740 56 | 740 56 | ..... | 821 80 | 723 34 | 77 30 |
| Gardiner..... | 82 | 1,800 00 | 4,812 32 | 4,809 93 | 2 39 | 1,037 18 | 806 50 | 228 68 | 252 85 | 252 85 | 23 68 | 253 37 | 247 00 | 6 37 |
| Hardenburgh..... | 65 | 1,200 00 | 6,146 24 | 3,349 33 | 2,796 91 | 1,900 33 | 933 83 | 966 50 | 455 30 | 64 02 | 391 28 | 224 82 | 104 06 | 130 76 |
| Hurley..... | 59 | 800 00 | 4,860 42 | 1,987 92 | 2,872 50 | 147 38 | 129 75 | 17 63 | 99 77 | 86 78 | 12 99 | 310 25 | 307 00 | 3 25 |
| Kingston..... | 13 | 325 00 | 987 92 | 792 50 | 195 42 | 198 80 | 34 28 | 164 52 | 39 28 | 90 | 38 28 | 48 20 | 42 88 | 6 32 |
| Lloyd..... | 67 | 1,500 00 | 7,257 36 | 4,488 54 | 2,768 82 | 641 11 | 200 00 | 432 11 | 274 02 | 233 21 | 40 81 | 435 91 | 169 50 | 267 41 |
| Marbletown..... | 123 | 1,250 00 | 6,946 94 | 6,139 44 | 807 50 | 439 91 | 301 53 | 138 38 | 164 53 | 44 62 | 119 91 | 374 49 | 1,007 91 | 346 58 |
| Marlborough..... | 70 | 1,750 00 | 9,161 60 | 7,987 49 | 1,174 11 | 2,204 13 | 2,142 92 | 61 21 | 700 00 | 648 89 | 51 11 | 147 46 | 317 25 | 141 96 |
| New Paltz..... | 66 | 1,650 00 | 7,009 97 | 5,778 58 | 1,231 39 | 1,807 75 | 1,197 92 | 609 83 | 250 00 | 228 65 | 23 44 | 327 76 | 5 50 | 10 51 |
| Olive..... | 115 | 1,960 00 | 5,703 08 | 4,726 09 | 976 99 | 1,062 93 | 890 01 | 192 92 | 129 98 | 87 57 | 42 41 | 276 12 | 154 20 | 6 43 |
| Plattekill..... | 83 | 1,750 00 | 4,900 00 | 3,911 32 | 988 68 | 300 00 | 266 19 | 33 81 | 627 55 | 627 55 | ..... | 250 00 | 96 34 | 153 66 |
| Rochester..... | 142 | 2,400 00 | 7,613 50 | 6,823 48 | 790 02 | 603 80 | 583 90 | 14 90 | 175 54 | 151 12 | 24 42 | 876 11 | 847 23 | 28 88 |
| Rosendale..... | 50 | 1,000 00 | 5,103 98 | 4,289 53 | 814 45 | 1,423 90 | 1,195 43 | 227 47 | 125 00 | 115 47 | 9 53 | 213 25 | 176 88 | 36 37 |
| Saugerties..... | 161 | 4,025 00 | 18,964 57 | 18,924 21 | 30 36 | 7,132 01 | 6,995 46 | 136 55 | 521 62 | 511 43 | 10 19 | 1,231 22 | 1,318 73 | 12 49 |
| Shandaken..... | 85 | 2,125 00 | 8,214 22 | 7,709 72 | 504 50 | 1,631 99 | 1,596 07 | 35 92 | 471 91 | 364 39 | 107 52 | 703 03 | 552 24 | 45 63 |
| Shawangunk..... | 121 | 3,025 00 | 8,162 63 | 7,673 28 | 489 35 | 4,006 82 | 4,006 82 | ..... | 453 06 | 410 64 | 42 44 | 945 29 | 914 22 | 31 07 |
| Ulster..... | 60 | 1,500 00 | 5,045 57 | 4,444 63 | 600 94 | 812 84 | 773 48 | 39 36 | 149 41 | 69 95 | 79 46 | 440 47 | 108 23 | 373 83 |
| Wawarsing..... | 207 | 5,175 00 | 16,441 95 | 15,739 14 | 702 81 | 2,708 79 | 2,144 72 | 564 07 | 520 67 | 467 39 | 53 28 | 984 96 | 969 81 | 964 96 |
| Woodstock..... | 104 | 2,340 00 | 7,434 89 | 4,406 65 | 3,028 24 | 1,068 49 | 829 07 | 259 42 | 356 41 | 296 32 | 60 09 | 820 37 | 597 36 | 161 79 |
| Total..... | 1,848 | \$39,325 00 | \$148,289 78 | \$124,815 58 | \$23,474 20 | \$31,581 73 | \$27,280 75 | \$4,300 98 | \$6,563 10 | \$5,424 36 | \$1,138 74 | \$11,260 99 | \$8,589 78 | \$9,608 20 |
| | | | | | | | | | | | | | | \$1,642 70 |

WARREN COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and nu- cleous fund | Total ex- penditures for snow and nu- cleous fund | Balance in snow and nu- cleous fund |
|--------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|--|--------------------------------------|---|--|---|
| Bolton | 85 | \$2,125 00 | \$0,338 44 | \$5,037 81 | \$3,300 63 | \$522 74 | \$522 74 | ..... | \$318 02 | \$318 02 | ..... | \$1,647 31 | \$1,647 31 | \$1 01 |
| Chilwell | 48 | 2,800 00 | 3,069 65 | 2,560 85 | 1,108 80 | 212 02 | 212 02 | \$100 50 | \$318 93 | \$318 93 | \$69 81 | \$1,515 17 | \$1,515 17 | 116 08 |
| Chester | 129 | 2,000 00 | 4,001 34 | 3,560 25 | 601 09 | 308 40 | 758 65 | 146 75 | 201 42 | 153 96 | 67 43 | 2,378 80 | 2,400 50 | 215 50 |
| Flag | 31 | 1,975 00 | 3,138 23 | 3,439 19 | 697 04 | 306 89 | 306 00 | 166 89 | 338 62 | 274 48 | 61 15 | 783 08 | 739 56 | 23 40 |
| Forcon | 158 | 3,000 00 | 3,062 84 | 2,870 08 | 222 76 | 177 86 | 152 91 | 2,458 09 | 329 62 | 274 48 | 5 38 | 900 00 | 900 00 | ..... |
| Johnsburg | 174 | 3,200 00 | 10,343 51 | 9,306 83 | 1,033 78 | 4,098 30 | 2,210 21 | 475 74 | 381 89 | 381 89 | 93 88 | 3,875 98 | 3,327 31 | 348 50 |
| Laurens | 14 | 3,200 00 | 4,623 78 | 1,893 38 | 2,730 40 | 4,630 00 | 406 08 | 43 92 | 428 11 | 428 11 | 27 62 | 1,750 02 | 1,750 02 | 18 15 |
| Queensbury | 147 | 3,200 00 | 10,212 41 | 9,551 27 | 661 14 | 1,003 05 | 1,000 70 | 215 50 | 3,439 63 | 400 12 | 96 57 | 1,850 76 | 1,848 87 | 1 89 |
| Stony Creek | 70 | 1,750 00 | 9,278 57 | 9,106 42 | 172 15 | 406 36 | 190 80 | 215 50 | 2,128 57 | 1,558 51 | 56 57 | 1,558 51 | 1,558 51 | 3 26 |
| Thurman | 79 | 1,500 00 | 3,507 89 | 2,853 98 | 733 91 | 1,140 80 | 307 84 | 742 96 | 400 00 | 304 84 | 95 16 | 1,870 30 | 2,538 41 | ..... |
| Warrensburgh | 70 | 1,000 00 | 3,272 69 | 2,700 93 | 571 76 | 626 42 | 538 31 | 68 11 | 220 18 | 171 73 | 48 45 | 1,458 23 | 1,090 37 | 307 86 |
| Total | 1,010 | \$20,160 00 | \$65,537 45 | \$63,704 01 | \$11,833 44 | \$10,536 94 | \$6,517 12 | \$4,019 72 | \$6,086 11 | \$5,539 10 | \$547 01 | \$19,128 48 | \$17,990 74 | \$1,137 74 |

WASHINGTON COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mis- cellaneous fund | Total ex- penditures for snow and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|------------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Argyle..... | 128 | \$2,160 00 | \$6,351 08 | \$6,186 50 | \$164 58 | \$697 29 | \$166 54 | \$430 75 | \$738 40 | \$697 98 | \$40 42 | \$1,559 30 | \$1,717 90 | \$141 40 |
| Cambridge..... | 94 | 1,229 45 | 3,624 66 | 3,374 97 | 249 69 | 492 98 | 59 69 | 433 29 | 141 27 | 114 55 | 26 72 | 606 00 | 606 00 | ..... |
| Dresden..... | 55 | 1,375 00 | 3,173 91 | 3,773 91 | ..... | 463 20 | 287 55 | 195 65 | 136 19 | 31 60 | 114 59 | 573 40 | 573 40 | ..... |
| Easton..... | 119 | 2,975 00 | 8,577 85 | 7,236 63 | 1,341 22 | 2,881 50 | 1,739 14 | 1,142 36 | 732 81 | 312 02 | 420 79 | 2,314 39 | 2,240 39 | 50 00 |
| Fort Ann..... | 119 | 2,975 00 | 7,122 10 | 6,227 80 | 894 30 | 1,408 11 | 1,386 04 | 222 07 | 600 00 | 382 15 | 217 85 | 1,068 95 | 955 66 | 133 29 |
| Fort Edward..... | 56 | 1,400 00 | 5,785 99 | 4,940 38 | 845 61 | 6,060 91 | 1,302 60 | 4,748 31 | 338 14 | 79 49 | 258 65 | 1,598 76 | 1,598 76 | ..... |
| Greenville..... | 111 | 2,775 00 | 9,023 84 | 6,365 90 | 2,657 94 | 1,597 55 | 573 81 | 1,023 74 | 878 54 | 73 27 | 147 27 | 517 70 | 465 49 | 37 21 |
| Greenwich..... | 115 | 1,750 00 | 5,408 49 | 4,782 86 | 625 63 | 3,166 21 | 1,316 93 | 1,849 28 | 130 84 | 130 34 | 50 | 765 28 | 694 51 | 1 77 |
| Hampton..... | 38 | 410 50 | 1,888 79 | 1,678 63 | 210 16 | 4,517 23 | 4,517 23 | 142 42 | 100 00 | 36 17 | 63 83 | 223 07 | 68 48 | 154 59 |
| Hartford..... | 97 | 2,425 00 | 5,465 52 | 2,528 96 | 2,936 56 | 511 09 | 388 88 | 123 21 | 397 68 | 397 68 | ..... | 634 64 | 634 64 | ..... |
| Hebron..... | 122 | 1,890 00 | 4,566 11 | 4,064 00 | 601 51 | 429 81 | 290 59 | 139 22 | 231 68 | 191 98 | 39 70 | 845 49 | 810 24 | 10 61 |
| Jackson..... | 88 | 1,600 00 | 3,819 96 | 2,858 61 | 961 35 | 867 02 | 867 02 | ..... | 130 15 | 43 24 | 86 91 | 230 76 | 230 76 | ..... |
| Kingbury..... | 76 | 1,900 00 | 6,483 75 | 5,290 66 | 1,193 09 | 450 11 | 450 11 | ..... | 438 28 | 438 28 | ..... | 1,047 66 | 1,047 66 | ..... |
| Putnam..... | 47 | 1,175 00 | 3,557 33 | 2,466 41 | 1,090 97 | 158 34 | 14 25 | 144 09 | 259 96 | 234 47 | 24 49 | 909 43 | 818 29 | 91 14 |
| Salem..... | 112 | 1,844 31 | 5,259 23 | 4,769 81 | 489 42 | 960 02 | 865 26 | 64 76 | 150 00 | 124 78 | 25 22 | 323 50 | 286 50 | 7 92 |
| White Creek..... | 83 | 2,000 00 | 4,657 01 | 3,269 64 | 1,387 37 | 1,545 66 | 799 03 | 776 63 | 438 74 | 123 99 | 314 75 | 621 27 | 290 45 | 189 82 |
| Whitehall..... | 73 | 1,825 00 | 4,484 41 | 4,329 95 | 154 46 | 479 37 | 479 37 | ..... | 432 44 | 41 29 | 391 15 | 720 15 | 690 93 | 72 73 |
| Total..... | 1,533 | \$31,709 26 | \$89,350 08 | \$73,546 22 | \$15,803 86 | \$27,392 29 | \$15,484 04 | \$11,908 25 | \$6,275 12 | \$4,102 28 | \$2,172 84 | \$14,778 75 | \$13,653 26 | \$818 47 |
| | | | | | | | | | | | | | | \$813,960 28 |

WAYNE COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- cellaneous fund | Total ex- penditures for snow and mi- cellaneous fund | Balance in snow and mi- cellaneous fund |
|-----------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Arcadia..... | 136 | \$3,400 00 | \$12,838 71 | \$12,086 83 | \$771 88 | \$8,147 55 | \$50 02 | \$8,097 53 | \$510 27 | \$510 27 | \$106 87 | \$1,032 01 | \$1,837 49 | \$94 52 |
| Bader..... | 89 | 2,223 00 | 12,122 61 | 6,316 96 | 5,805 65 | 808 73 | 655 78 | 132 95 | 539 19 | 433 32 | \$106 87 | 1,411 09 | 1,411 09 | 11 72 |
| Balen..... | 131 | 3,475 00 | 14,738 47 | 14,673 04 | 65 43 | 2,382 31 | 2,375 98 | 6 33 | 642 89 | 463 77 | 79 12 | 1,537 32 | 1,535 80 | 200 00 |
| Buron..... | 80 | 2,000 00 | 7,947 04 | 4,332 35 | 3,614 69 | 1,166 62 | 1,045 61 | 120 99 | 800 00 | 324 46 | 175 64 | 1,071 96 | 871 96 | 48 96 |
| Lyons..... | 91 | 2,275 00 | 7,249 13 | 6,887 02 | 362 17 | 550 18 | 461 77 | 88 41 | 1,012 48 | 629 16 | 383 33 | 1,068 77 | 786 20 | 645 11 |
| Macedon..... | 80 | 2,284 71 | 8,970 18 | 8,306 33 | 663 85 | 936 82 | 865 62 | 131 20 | 777 42 | 599 29 | 178 13 | 1,062 71 | 494 90 | 517 60 |
| Marion..... | 70 | 1,760 00 | 8,678 61 | 5,124 11 | 3,554 50 | 583 43 | 370 95 | 213 48 | 609 09 | 273 44 | 335 65 | 535 01 | 535 01 | 160 91 |
| Ontario..... | 60 | 1,988 28 | 9,334 40 | 9,292 51 | 41 89 | 1,009 68 | 476 70 | 532 98 | 769 08 | 769 08 | ..... | 671 85 | 396 42 | 665 89 |
| Palmyra..... | 90 | 2,542 38 | 12,412 50 | 7,000 62 | 5,351 88 | 2,434 79 | 2,109 39 | 325 38 | 837 46 | 370 58 | ..... | 2,333 82 | 860 45 | 1,677 93 |
| Rose..... | 71 | 1,775 00 | 5,379 37 | 4,745 50 | 633 87 | 309 84 | 141 64 | 168 20 | 337 36 | 337 36 | 140 08 | 1,060 78 | 983 20 | 1,001 07 |
| Seymour..... | 74 | 1,860 00 | 5,567 49 | 5,496 73 | 70 76 | 757 17 | 365 25 | 391 92 | 673 79 | 433 52 | 235 27 | 1,369 77 | 1,269 39 | 47 38 |
| Sodus..... | 132 | 3,900 00 | 20,191 81 | 17,174 82 | 3,016 99 | 7,292 57 | 5,413 16 | 1,879 41 | 700 00 | 532 28 | 147 72 | 2,469 69 | 2,461 22 | 8 47 |
| Walworth..... | 71 | 1,775 00 | 9,723 29 | 7,413 52 | 2,309 77 | 524 09 | 215 99 | 308 10 | 690 63 | 330 63 | 200 00 | 888 75 | 462 78 | 117 74 |
| Williamson..... | 71 | 2,665 99 | 8,871 99 | 8,871 99 | ..... | 847 61 | 553 66 | 293 95 | 2,222 61 | 1,904 27 | 318 34 | 1,232 35 | 732 35 | 1,232 35 |
| Wadsworth..... | 92 | 2,300 00 | 6,808 78 | 4,901 44 | 1,907 34 | 2,909 97 | 1,468 28 | 1,441 69 | 808 85 | 1,788 96 | 19 90 | 1,311 46 | 1,167 39 | 144 07 |
| Total..... | 1,348 | \$35,706 36 | \$151,074 44 | \$122,883 77 | \$28,190 67 | \$30,458 24 | \$16,509 72 | \$13,946 52 | \$11,871 12 | \$8,835 29 | \$2,835 83 | \$19,684 54 | \$15,028 20 | \$3,146 32 |

WESTCHESTER COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- ture for ma- chinery fund | Balance in ma- chinery fund | Total available for ma- chinery and mis- cellaneous fund | Total ex- pendi- ture for ma- chinery and mis- cellaneous fund | Balance in snow and mis- cellaneous fund |
|--------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|---|--|
| Bedford | 103 | \$10,197.87 | \$55,544.63 | \$30,655.56 | \$24,859.07 | \$3,205.76 | \$1,533.73 | \$1,372.04 | \$980.00 | \$943.12 | \$45.88 | \$1,438.23 | \$905.21 | \$455.61 |
| Cortlandt | 88 | 6,500.00 | 43,050.94 | 28,931.21 | 14,108.73 | 973.87 | 1,689.40 | 384.47 | 968.16 | 918.06 | 50.10 | 822.33 | 374.96 | 394.83 |
| East Chester | 14 | 4,308.73 | 24,838.66 | 19,192.50 | 5,646.16 | 454.72 | 243.00 | 212.72 | 527.98 | 496.98 | 31.00 | 2,768.36 | 1,214.29 | 67.80 |
| Greenburgh | 58 | 8,537.18 | 73,464.02 | 29,501.77 | 43,962.26 | 5,107.68 | 4,482.33 | 625.35 | 1,275.00 | 1,263.85 | 12.15 | 2,715.07 | 1,448.37 | 580.70 |
| Harrison | 73 | 9,638.21 | 50,904.48 | 33,087.37 | 17,817.21 | 1,296.81 | 29.98 | 1,266.84 | 300.00 | 273.05 | 26.95 | 1,567.20 | 1,081.13 | 484.07 |
| Lewisboro | 65 | 1,000.00 | 5,959.96 | 3,153.90 | 2,807.09 | 1,894.60 | 116.72 | 767.87 | 79.91 | 148.00 | 62.31 | 963.02 | 214.87 | 540.06 |
| Monroe | 9 | 3,368.68 | 37,808.28 | 11,372.41 | 26,535.85 | 7,673.48 | 7,373.76 | 305.48 | 204.55 | 148.00 | 56.55 | 1,501.04 | 548.30 | 38.38 |
| Mt. Pleasant | 66 | 6,000.00 | 35,783.38 | 21,377.86 | 14,505.52 | 3,008.82 | 1,196.77 | 390.70 | 151.26 | 100.06 | 51.20 | 960.54 | 477.39 | 48.15 |
| New Castle | 62 | 4,350.00 | 21,016.09 | 9,676.77 | 11,039.32 | 743.94 | 1,528.35 | 214.69 | 561.80 | 109.21 | 452.59 | 923.27 | 120.97 | 342.75 |
| North Salem | 55 | 2,000.00 | 10,274.81 | 10,205.17 | 60.64 | 742.94 | 1,528.35 | 3,507.75 | 117.76 | 127.37 | 52.30 | 547.37 | 231.38 | 171.32 |
| Oswining | 52 | 800.00 | 6,055.49 | 4,871.08 | 1,164.41 | 3,870.80 | 372.05 | 3,507.75 | 409.27 | 89.50 | 28.26 | 455.64 | 370.70 | 64.02 |
| Poundridge | 13 | 1,413.11 | 25,426.72 | 11,014.27 | 14,412.45 | 2,871.42 | 1,994.65 | 876.77 | 409.27 | 294.60 | 113.67 | 627.73 | 348.60 | 58.22 |
| Rye | 51 | 1,080.00 | 4,049.34 | 3,571.46 | 477.88 | 338.53 | 1,432.32 | 196.31 | 126.33 | 12.92 | 113.41 | 261.25 | 116.01 | 159.14 |
| Somers | 57 | 1,916.40 | 25,420.32 | 15,436.65 | 9,983.67 | 248.66 | 12.90 | 233.76 | 306.92 | 100.07 | 208.85 | 484.98 | 186.78 | 292.92 |
| Yorktown | 90 | 1,500.00 | 8,828.22 | 6,146.65 | 2,681.57 | 818.41 | 157.62 | 660.80 | 223.70 | 11.08 | 212.62 | 808.39 | 582.80 | 235.56 |
| | 57 | 2,396.61 | 12,201.76 | 11,352.83 | 848.93 | 2,193.83 | 2,195.00 | | 726.58 | 708.07 | 18.61 | 1,425.49 | 517.29 | 485.26 |
| Total | 868 | \$64,896.79 | \$440,724.12 | \$249,766.36 | \$190,957.76 | \$54,004.88 | \$21,197.44 | \$12,807.44 | \$7,147.80 | \$5,614.54 | \$1,533.35 | \$18,397.91 | \$8,215.00 | \$4,800.79 |

WYOMING COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- penditures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and ma- cellaneous fund | Total ex- penditures for snow and ma- cellaneous fund | Balance in snow and ma- cellaneous fund |
|---------------|--|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|---|--|---|
| Arcade | 66 | \$1,650 00 | \$7,150 81 | \$6,828 32 | \$312 49 | \$2,614 94 | \$998 10 | \$1,616 84 | \$251 68 | \$251 68 | \$105 06 | \$704 77 | \$545 92 | \$248 84 |
| Attica | 64 | 1,600 00 | 6,794 13 | 3,566 02 | 238 11 | 2,177 80 | 882 90 | 1,294 90 | 929 73 | 327 67 | \$105 06 | 804 52 | 640 73 | 143 79 |
| Bennington | 69 | 1,750 00 | 6,944 03 | 3,684 20 | 268 83 | 2,449 78 | 839 24 | 1,610 54 | 957 15 | 786 41 | 99 01 | 1,368 91 | 640 73 | 68 48 |
| Cassie | 73 | 1,750 00 | 12,234 78 | 9,761 24 | 2,473 54 | 2,473 54 | 318 08 | 210 90 | 944 06 | 586 63 | 35 46 | 596 60 | 579 49 | 33 87 |
| Covington | 73 | 1,750 00 | 8,241 08 | 6,801 24 | 1,439 84 | 931 55 | 64 15 | 881 40 | 176 00 | 106 67 | 68 33 | 327 75 | 313 91 | 23 84 |
| Eagle | 56 | 1,400 00 | 6,864 94 | 5,814 77 | 1,050 17 | 1,050 17 | 1,273 41 | 601 30 | 1,553 99 | 1,304 61 | 249 38 | 1,365 42 | 1,035 11 | 170 35 |
| Gauleville | 63 | 1,515 00 | 10,437 21 | 10,432 34 | 4 87 | 1,206 38 | 506 30 | 733 08 | 1,070 84 | 1,070 84 | 74 55 | 868 46 | 838 55 | 7 98 |
| Genesee Falls | 53 | 1,975 00 | 7,323 60 | 3,037 39 | 1,668 21 | 1,668 21 | 1,444 86 | 241 35 | 1,012 30 | 926 75 | 8 55 | 1,194 67 | 1,030 84 | 167 79 |
| Java | 59 | 1,975 00 | 13,715 52 | 8,438 77 | 977 15 | 3,130 90 | 3,083 26 | 545 66 | 1,146 47 | 876 81 | 268 66 | 2,011 57 | 1,513 11 | 498 48 |
| Middlebury | 80 | 2,000 00 | 13,704 56 | 13,735 39 | 2,173 25 | 1,653 13 | 3,983 13 | 35 31 | 250 40 | 330 66 | 217 81 | 2,965 29 | 2,982 40 | 2 77 |
| Orangeville | 67 | 1,800 00 | 6,148 48 | 3,975 23 | 1,822 25 | 1,653 13 | 1,394 29 | 259 84 | 271 00 | 324 55 | 130 45 | 2,047 87 | 1,817 31 | 230 64 |
| Perry | 76 | 1,800 00 | 7,789 41 | 5,967 21 | 1,822 20 | 1,653 13 | 1,394 29 | 259 84 | 271 00 | 324 55 | 130 45 | 2,047 87 | 1,817 31 | 230 64 |
| Flite | 82 | 1,800 00 | 4,772 00 | 4,328 38 | 443 62 | 1,637 01 | 336 33 | 410 67 | 523 69 | 153 28 | 369 41 | 1,368 94 | 1,368 94 | 4 06 |
| Sheldon | 81 | 1,750 00 | 3,243 82 | 3,243 82 | ..... | 63 99 | 344 33 | 40 41 | 523 69 | 223 69 | 283 74 | 835 26 | 441 35 | 173 96 |
| Wrenaw | 62 | 1,550 00 | 4,921 68 | 4,867 99 | 53 69 | 2,238 41 | 1,643 06 | 645 34 | 523 69 | 223 69 | 283 74 | 835 26 | 441 35 | 388 16 |
| Wheatfield | 61 | 1,325 00 | 10,494 26 | 10,187 46 | 306 78 | 600 44 | 636 04 | 18 94 | 636 04 | 597 36 | 37 68 | 319 42 | 271 24 | 48 18 |
| Total | 1,076 | \$25,275 00 | \$126,630 38 | \$113,667 79 | \$12,962 59 | \$23,965 45 | \$16,201 94 | \$6,733 51 | \$9,991 91 | \$7,908 65 | \$3,028 26 | \$15,248 84 | \$5,440 72 | \$12,922 36 |
| | | | | | | | | | | | | | | \$2,394 48 |

YATES COUNTY

| TOWNS | Num- ber of miles of high- ways | State aid received | Total available for high- way fund | Total ex- penditures for high- way fund | Balance in highway fund | Total available for bridge fund | Total ex- penditures for bridge fund | Balance in bridge fund | Total available for ma- chinery fund | Total ex- pendi- tures for ma- chinery fund | Balance in ma- chinery fund | Total available for snow and mi- serable fund | Total ex- pendi- tures for snow and mi- serable fund | Balance in snow and mi- serable fund |
|-----------------|---|-----------------------|---|--|----------------------------------|--|---|---------------------------------|--|---|--------------------------------------|--|--|--|
| Barrington..... | 85 | \$1,600 00 | \$8,076 60 | \$4,522 31 | \$3,554 29 | \$2039 45 | \$100 64 | \$838 81 | \$101 20 | \$90 30 | \$10 90 | \$422 24 | \$221 95 | \$150 29 |
| Benton..... | 92 | 2,150 00 | 6,592 75 | 5,458 76 | 1,133 99 | 332 43 | 32 83 | 299 60 | 399 03 | 399 03 | 833 41 | 671 74 | 833 41 | 833 41 |
| Italy..... | 80 | 2,000 00 | 8,013 74 | 6,678 27 | 1,335 47 | 2,018 80 | 217 63 | 801 17 | 929 20 | 884 14 | 65 06 | 648 99 | 137 56 | 316 58 |
| Jerusalem..... | 150 | 2,500 00 | 8,409 77 | 7,896 98 | 512 79 | 945 40 | 625 10 | 320 30 | 508 82 | 508 82 | 326 75 | 812 77 | 75 85 | 151 92 |
| Middlesex..... | 69 | 1,500 00 | 4,353 32 | 3,622 89 | 730 43 | 200 00 | 117 89 | 82 11 | 544 89 | 545 89 | 15 85 | 323 97 | 351 07 | 5 32 |
| Milo..... | 83 | 2,050 00 | 16,526 00 | 14,038 07 | 2,487 93 | 2,121 80 | 1,860 30 | 261 50 | 708 23 | 692 38 | 15 85 | 1,069 45 | 601 08 | 175 65 |
| Potter..... | 79 | 1,080 00 | 4,800 32 | 4,367 76 | 432 56 | 377 70 | 1 13 | 276 57 | 320 97 | 46 08 | 184 89 | 515 28 | 515 28 | 515 28 |
| Starkey..... | 81 | 1,800 00 | 9,745 45 | 4,834 28 | 4,911 17 | 1,197 06 | 435 43 | 761 63 | 738 00 | 298 62 | 437 38 | 201 74 | 201 74 | 41 55 |
| Torrey..... | 50 | 1,250 00 | 5,541 24 | 2,781 76 | 2,759 48 | 771 38 | 49 92 | 721 44 | 1,000 77 | 826 05 | 174 72 | 896 85 | 347 71 | 549 14 |
| Total..... | 762 | \$15,930 00 | \$72,059 19 | \$54,201 08 | \$17,858 11 | \$8,804 00 | \$3,440 87 | \$5,353 13 | \$5,484 86 | \$4,260 31 | \$1,215 55 | \$5,800 57 | \$3,086 88 | \$1,390 45 |

REPORT OF THE BUREAU OF AUDIT AND FINANCE FOR THE YEAR ENDING DECEMBER 31, 1918

Hon. EDWIN DUFFEY, *Commissioner*:

I submit herewith the financial report of this Department for the year ending December 31, 1918. Separate schedules are shown of disbursements under each appropriation available to the Department during the year.

The activities of the Department are always very clearly indicated by the Department's expenditures, as the Department is primarily a disbursing unit. A review of the schedules and a comparison of them with other years indicate clearly that at no time since the Department's organization in 1909 has its activities reached a lower point. This, of course, is due to the war conditions and general disorganization of the country, making construction impossible and the necessity of reducing overhead charges imperative.

Payments to contractors on account of outstanding contracts amount to only \$1,397,583.23, and disbursements on account of the completion of canceled contracts by the Department's forces amount to \$1,013,029.64, making a total payment for construction of \$2,410,612.87, which is approximately only one-half of the expenditures for these purposes in 1917. As against this is shown salaries for the year, \$291,696.57, and traveling expense, \$35,496.25, as compared with \$774,793.39 and \$86,347.36 for the same purposes in 1917, so that overhead charges would seem to have been reduced in proportion to construction and to the limit of safety, without destroying the nucleus of the organization.

The expenditures for maintenance and repair of improved highways during the year total \$4,743,808.05 and are about the same as for the year 1917, and have consisted of the very large part of the work of the Department this year, as no very appreciable mileage has been added to the roads to be maintained on account of the completion of existing construction contracts during the year.

Disbursements of the Department for all purposes covered by this report, during the year, total \$8,824,233.39, which is approximately \$3,000,000.00 under the total disbursements in 1917, and only about 40 per cent. of the Department's disbursements when normal conditions prevail.

There remains \$15,000,000.00 unappropriated of the second \$50,000,000.00 bond issue and there are outstanding obligations, represented by contracts in force or cancelled, of approximately \$10,000,000.00, which represent the unexpended balance of appropriations made from the second \$50,000,000.00 bond issue at this date.

Respectfully submitted,

S. D. GILBERT,
Auditor.

Schedules of payments for salaries, traveling expenses and office expenses in the administrative offices, year ending December 31, 1918.

General Fund

| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Traveling expenses | Office expenses and merchandise bills |
|---------------------|----------------------|---|-----------------------|--|
| January | \$10,594 40 | | \$809 70 | \$2,407 62 |
| February | 10,603 58 | | 439 37 | 2,282 18 |
| March | 10,670 77 | | 1,485 48 | 2,459 62 |
| April | 11,029 27 | | 1,684 99 | 4,618 01 |
| May | 10,886 52 | | 1,628 78 | 3,454 23 |
| June | 11,061 26 | | 4,008 08 | 6,412 71 |
| July | 11,485 78 | \$159 25 | 2,421 29 | 1,821 41 |
| August | 11,436 20 | 140 40 | 2,619 48 | 2,015 89 |
| September | 11,506 02 | 170 91 | 2,059 93 | 2,225 15 |
| October | 10,814 65 | 123 33 | 3,196 52 | 1,627 59 |
| November | 11,519 58 | 150 85 | 1,945 10 | 2,313 76 |
| December | 11,290 75 | 132 85 | 1,017 43 | 1,652 94 |
| | <u>\$132,898 78</u> | <u>\$877 59</u> | <u>\$23,316 15</u> | <u>\$33,291 11</u> |

Summary

| | |
|--|---------------------|
| Salaries | \$133,776 37 |
| Traveling expenses | 23,316 15 |
| Office expenses and merchandise bills. | 33,291 11 |
| Total | <u>\$190,383 63</u> |

Schedule of payments for salaries, traveling expenses and office expenses in the Bureau of Town Highways, year ending December 31, 1918.

| <i>General Fund</i> | | | | |
|---------------------|----------------------|---|-----------------------|---|
| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Traveling expenses | Office expenses and merchan- dise bills |
| January | \$2,776 09 | | \$793 41 | \$262 86 |
| February | 2,776 09 | | 753 93 | 79 41 |
| March | 2,776 09 | | 937 54 | ..... |
| April | 2,776 09 | | 890 77 | 5 13 |
| May | 2,902 82 | | 811 00 | 531 27 |
| June | 2,902 01 | | 933 64 | 5 13 |
| July | 2,892 73 | \$13 07 | 900 30 | ..... |
| August | 2,821 76 | 10 00 | 983 72 | ..... |
| September | 2,821 76 | 10 00 | 707 11 | 200 16 |
| October | 2,821 76 | 10 00 | 758 75 | 127 35 |
| November | 2,821 76 | 10 00 | 718 12 | 55 00 |
| December | 2,821 76 | 10 00 | 788 49 | 76 37 |
| | <u>\$33,910 72</u> | <u>\$63 07</u> | <u>\$9,976 78</u> | <u>\$1,342 68</u> |

Summary

| | |
|---|---------------------------|
| Salaries | \$33,973 79 |
| Traveling expenses | 9,976 78 |
| Office expenses and merchandise bills | 1,342 68 |
| Total | <u><u>\$45,293 25</u></u> |

Schedule of payments for salaries and office expenses in the Bureau of Maintenance and Repair, year ending December 31, 1918.

| <i>General Fund</i> | | | |
|---------------------|----------------------|---|---|
| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Office expenses and merchan- dise bills |
| January | \$2,177 99 | | \$155 23 |
| February | 2,234 54 | | 136 14 |
| March | 2,173 99 | | 241 09 |
| April | 2,167 32 | | 17 11 |
| May | 2,177 99 | | 225 64 |
| June | 2,095 11 | | 3 15 |
| July | 2,287 99 | \$80 43 | ..... |
| August | 2,232 95 | 70 00 | 30 93 |
| September | 2,263 99 | 93 56 | 207 52 |
| October | 2,159 99 | 82 00 | 17 08 |
| November | 2,159 99 | 82 00 | 144 37 |
| December | 2,059 99 | 72 00 | 17 82 |
| | <u>\$26,191 84</u> | <u>\$479 99</u> | <u>\$1,196 08</u> |

Summary

| | |
|--|--------------------|
| Salaries | \$26,671 83 |
| Office expenses and merchandise bills..... | 1,196 08 |
| Total | \$27,867 91 |

Schedule of payments for salaries and traveling expenses for each of the nine divisions; also the office of the First Deputy, year ending December 31, 1918.

HIGHWAY IMPROVEMENT FUND AND GENERAL FUND

Division No. 1

| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Traveling expenses | Total |
|-----------------|----------------------|---|-----------------------|--------------------|
| January | \$4,236 29 | | \$615 49 | \$4,851 78 |
| February | 3,013 94 | | 71 74 | 3,085 68 |
| March | 2,607 06 | | 306 48 | 2,913 54 |
| April | 4,383 00 | | 673 58 | 5,056 58 |
| May | 4,427 34 | | 661 25 | 5,088 59 |
| June | 4,217 57 | | 870 17 | 5,087 74 |
| July | 4,216 48 | \$82 61 | 782 51 | 5,081 60 |
| August | 4,988 47 | 88 56 | 1,448 79 | 6,525 82 |
| September | 4,138 32 | 162 11 | 624 73 | 4,925 16 |
| October | 4,140 48 | 95 90 | 724 44 | 4,960 82 |
| November | 4,738 77 | 87 00 | 863 22 | 5,688 99 |
| December | 4,520 65 | 87 00 | 470 09 | 5,077 74 |
| | \$49,628 37 | \$603 18 | \$8,112 49 | \$58,344 04 |

Division No. 2

| | | | | |
|-----------------|--------------------|-----------------|-------------------|--------------------|
| January | \$3,164 07 | | \$59 64 | \$3,223 71 |
| February | 2,701 14 | | 26 03 | 2,727 17 |
| March | 2,040 88 | | 17 95 | 2,058 83 |
| April | 2,090 80 | | 151 57 | 2,242 37 |
| May | 1,768 20 | | 324 73 | 2,092 93 |
| June | 2,000 44 | | 371 45 | 2,371 89 |
| July | 1,901 50 | \$98 52 | 362 07 | 2,362 09 |
| August | 2,122 85 | 98 52 | 417 90 | 2,639 27 |
| September | 2,272 23 | 83 52 | 212 56 | 2,568 31 |
| October | 2,064 77 | 90 52 | 477 76 | 2,633 05 |
| November | 2,210 93 | 89 80 | 243 75 | 2,544 48 |
| December | 2,157 45 | 95 07 | 52 54 | 2,305 06 |
| | \$26,495 26 | \$555 95 | \$2,717 95 | \$29,769 16 |

Division No. 3

| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Traveling expenses | Total |
|-----------------|----------------------|---|-----------------------|--------------------|
| January | \$613 36 | | \$60 09 | \$673 45 |
| February | 619 17 | | 14 89 | 634 06 |
| March | 576 64 | | 13 25 | 589 89 |
| April | 950 75 | | 144 34 | 1,095 09 |
| May | 2,061 79 | | 359 54 | 2,421 33 |
| June | 1,542 21 | | 269 93 | 1,812 14 |
| July | 1,537 97 | \$33 00 | 357 93 | 1,928 90 |
| August | 1,735 25 | 46 13 | 348 57 | 2,129 95 |
| September | 1,525 34 | 39 10 | 478 41 | 2,042 85 |
| October | 1,314 13 | 31 00 | 350 24 | 1,695 37 |
| November | 1,414 37 | 21 80 | 111 35 | 1,547 52 |
| December | 1,030 64 | 21 58 | 30 65 | 1,082 87 |
| | <u>\$14,921 62</u> | <u>\$192 61</u> | <u>\$2,539 19</u> | <u>\$17,653 42</u> |

Division No. 4

| | | | | |
|-----------------|--------------------|-----------------|-------------------|--------------------|
| January | \$2,410 21 | | \$131 63 | \$2,541 84 |
| February | 2,413 85 | | 10 30 | 2,424 15 |
| March | 2,016 45 | | 39 08 | 2,055 53 |
| April | 2,000 20 | | 252 51 | 2,252 71 |
| May | 3,470 81 | | 447 69 | 3,918 50 |
| June | 2,164 33 | | 377 16 | 2,541 49 |
| July | 2,219 55 | \$24 50 | 455 90 | 2,699 95 |
| August | 2,303 90 | 24 50 | 360 93 | 2,689 33 |
| September | 1,768 06 | 14 50 | 372 77 | 2,155 33 |
| October | 2,249 35 | 34 50 | 599 81 | 2,883 66 |
| November | 2,112 41 | 24 50 | 136 96 | 2,273 87 |
| December | 3,268 16 | 29 02 | 305 15 | 3,602 33 |
| | <u>\$28,397 28</u> | <u>\$151 52</u> | <u>\$3,489 89</u> | <u>\$32,038 69</u> |

Division No. 5

| | | | | |
|-----------------|--------------------|-----------------|-------------------|--------------------|
| January | \$1,886 25 | | \$63 39 | \$1,949 64 |
| February | 1,264 50 | | 22 75 | 1,287 25 |
| March | 805 00 | | 59 03 | 864 03 |
| April | 1,117 40 | | 115 29 | 1,232 69 |
| May | 1,738 18 | | 98 18 | 1,836 36 |
| June | 1,141 66 | | 144 95 | 1,286 61 |
| July | 1,695 00 | \$71 93 | 103 31 | 1,870 24 |
| August | 943 87 | 66 28 | 130 79 | 1,140 94 |
| September | 1,086 53 | 70 06 | 178 06 | 1,334 65 |
| October | 715 57 | 64 93 | 76 24 | 856 74 |
| November | 1,155 93 | 64 93 | 340 70 | 1,561 56 |
| December | 1,180 00 | 64 93 | 9 41 | 1,254 34 |
| | <u>\$14,729 89</u> | <u>\$403 06</u> | <u>\$1,342 13</u> | <u>\$16,475 08</u> |

ANNUAL REPORT OF THE

Division No. 6

| 1918 | Salaries, regular | Salaries, chapter 556, Laws of 1918 | Traveling expenses | Total |
|-----------------|----------------------|---|-----------------------|--------------------|
| January | \$1,390 90 | ..... | \$50 82 | \$1,441 72 |
| February | 1,788 82 | ..... | 11 27 | 1,800 09 |
| March | 2,172 93 | ..... | 37 81 | 2,210 74 |
| April | 1,748 16 | ..... | 163 47 | 1,911 63 |
| May | 1,884 34 | ..... | 191 97 | 2,076 31 |
| June | 2,265 25 | ..... | 556 12 | 2,821 37 |
| July | 2,080 48 | \$58 61 | 423 81 | 2,562 90 |
| August | 2,168 36 | 73 03 | 253 70 | 2,495 09 |
| September | 1,957 78 | 64 93 | 552 08 | 2,574 79 |
| October | 1,685 40 | 59 96 | 216 36 | 1,961 81 |
| November | 1,876 23 | 57 93 | 266 04 | 2,200 20 |
| December | 1,763 04 | 57 93 | 24 41 | 1,845 38 |
| | <u>\$22,781 78</u> | <u>\$372 39</u> | <u>\$2,747 86</u> | <u>\$25,902 03</u> |

Division No. 7

| | | | | |
|-----------------|-------------------|-----------------|-------------------|--------------------|
| January | \$652 29 | ..... | \$45 63 | \$697 92 |
| February | 856 50 | ..... | 22 75 | 879 25 |
| March | 696 32 | ..... | 39 48 | 736 80 |
| April | 527 50 | ..... | 72 05 | 599 55 |
| May | 569 93 | ..... | 117 91 | 687 84 |
| June | 603 67 | ..... | 133 50 | 737 17 |
| July | 787 22 | \$93 40 | 220 50 | 1,101 12 |
| August | 1,104 58 | 74 20 | 245 08 | 1,423 86 |
| September | 936 09 | 74 20 | 181 33 | 1,191 62 |
| October | 850 22 | 53 20 | 391 42 | 1,294 84 |
| November | 705 33 | 53 20 | 157 43 | 916 96 |
| December | 1,229 25 | 53 20 | 410 63 | 1,693 08 |
| | <u>\$9,518 90</u> | <u>\$401 40</u> | <u>\$2,037 71</u> | <u>\$11,958 01</u> |

Division No. 8

| | | | | |
|-----------------|--------------------|-----------------|-------------------|--------------------|
| January | \$1,738 97 | ..... | \$58 10 | \$1,797 07 |
| February | 1,909 50 | ..... | 85 30 | 1,994 80 |
| March | 1,615 96 | ..... | 231 23 | 1,847 19 |
| April | 1,827 69 | ..... | 176 15 | 2,003 84 |
| May | 1,960 78 | ..... | 296 89 | 2,257 67 |
| June | 2,127 34 | ..... | 245 64 | 2,372 98 |
| July | 1,904 85 | \$55 10 | 366 22 | 2,326 17 |
| August | 1,592 71 | 44 05 | 302 90 | 1,939 66 |
| September | 1,534 85 | 37 60 | 162 78 | 1,735 23 |
| October | 1,385 48 | 37 60 | 149 87 | 1,572 95 |
| November | 1,385 67 | 37 60 | 177 03 | 1,600 30 |
| December | 1,678 48 | 37 60 | 125 43 | 1,841 51 |
| | <u>\$20,662 28</u> | <u>\$249 55</u> | <u>\$2,377 54</u> | <u>\$23,289 37</u> |

Division No. 9

| 1918 | Salaries, regular | Salaries, chapter 555, Laws of 1918 | Traveling expenses | Total |
|-----------------|----------------------|---|-----------------------|--------------------|
| January | \$2,159 42 | | \$28 48 | \$2,187 90 |
| February | 1,704 00 | | 124 93 | 1,918 93 |
| March | 1,528 00 | | 43 36 | 1,571 36 |
| April | 1,743 33 | | 167 26 | 1,910 59 |
| May | 2,114 73 | | 214 19 | 2,328 92 |
| June | 1,882 60 | | 170 36 | 2,052 96 |
| July | 2,191 52 | \$26 33 | 326 83 | 2,544 68 |
| August | 2,001 00 | 26 33 | 406 83 | 2,434 16 |
| September | 1,800 50 | 26 33 | 228 01 | 2,063 84 |
| October | 1,850 65 | 26 33 | 622 34 | 2,508 32 |
| November | 2,060 50 | 26 33 | 199 91 | 2,286 74 |
| December | 2,594 19 | 31 49 | 141 88 | 2,767 56 |
| | <u>\$23,738 44</u> | <u>\$163 14</u> | <u>\$2,674 38</u> | <u>\$26,575 96</u> |

First Deputy

| | | | | |
|-----------------|--------------------|-----------------|-------------------|--------------------|
| January | \$7,020 19 | | \$217 08 | \$7,237 27 |
| February | 6,241 62 | | 172 21 | 6,413 83 |
| March | 5,800 46 | | 150 09 | 5,750 55 |
| April | 5,641 82 | | 475 59 | 6,117 41 |
| May | 6,643 98 | | 826 16 | 7,470 14 |
| June | 6,729 62 | | 812 85 | 7,542 47 |
| July | 6,655 08 | \$124 23 | 831 92 | 7,611 23 |
| August | 6,717 92 | 126 01 | 1,142 60 | 7,986 53 |
| September | 6,806 94 | 87 71 | 822 68 | 7,777 33 |
| October | 6,482 89 | 104 50 | 839 35 | 7,426 74 |
| November | 6,266 32 | 83 50 | 649 04 | 6,998 86 |
| December | 6,257 50 | 89 66 | 517 54 | 6,864 70 |
| | <u>\$77,124 34</u> | <u>\$615 61</u> | <u>\$7,457 11</u> | <u>\$85,197 06</u> |

Summary

| | | | | |
|--------------------|---------------------|-------------------|--------------------|---------------------|
| Division No. 1.... | \$49,628 37 | \$603 18 | \$8,112 49 | \$58,344 04 |
| Division No. 2.... | 26,495 26 | 555 95 | 2,717 95 | 29,769 16 |
| Division No. 3.... | 14,921 62 | 192 61 | 2,530 19 | 17,653 42 |
| Division No. 4.... | 28,397 28 | 151 52 | 3,489 89 | 32,038 69 |
| Division No. 5.... | 14,729 89 | 403 06 | 1,342 13 | 16,475 08 |
| Division No. 6.... | 22,781 78 | 372 39 | 2,747 86 | 25,902 03 |
| Division No. 7.... | 9,518 90 | 401 40 | 2,037 71 | 11,958 01 |
| Division No. 8.... | 20,662 28 | 249 55 | 2,377 54 | 23,289 37 |
| Division No. 9.... | 23,738 44 | 163 14 | 2,674 38 | 26,575 96 |
| First Deputy | 77,124 34 | 615 61 | 7,457 11 | 85,197 06 |
| | <u>\$287,998 16</u> | <u>\$3,708 41</u> | <u>\$35,496 25</u> | <u>\$327,202 82</u> |

Analysis of Summary

| | |
|--|--------------|
| Expended from Highway Improvement Fund..... | \$323,404 41 |
| Expended from General Fund, chapter 556, Laws of 1918..... | 3,708 41 |
| | <hr/> |
| | \$327,202 82 |
| | <hr/> |

Schedule of expenditures for rents, printing, merchandise bills and supplies, year ending December 31, 1918.

Highway Improvement Fund

| 1918 | Amount |
|---------------------|-------------|
| January | \$15,997 33 |
| February | 1,789 37 |
| March | 2,166 59 |
| April | 5,816 38 |
| May | 1,993 24 |
| June | 1,874 50 |
| July | 809 17 |
| August | 923 63 |
| September | 1,364 23 |
| October | 1,306 32 |
| November | 1,299 95 |
| December | 761 20 |
| Total | <hr/> |
| | \$36,101 91 |

Schedule of payments to contractors for construction work under contract during year ending December 31, 1918.

Highway Improvement Fund

| 1918 | State funds | County funds | Village funds | Total |
|---------------------|--------------|--------------|---------------|----------------|
| January | \$32,620 51 | \$31,539 44 | \$5,917 28 | \$70,077 23 |
| February | 46,630 70 | 16,403 07 | 12,852 10 | 75,885 87 |
| March | 60,384 08 | 28,539 19 | 3,010 10 | 91,933 37 |
| April | 58,793 34 | 18,569 86 | 8,832 04 | 86,195 24 |
| May | 67,767 13 | 26,857 50 | 11,318 99 | 105,943 62 |
| June | 99,748 67 | 43,330 86 | 9,633 50 | 152,713 03 |
| July | 172,289 79 | 73,068 42 | 8,050 59 | 253,408 80 |
| August | 111,410 86 | 38,565 13 | 4,655 97 | 154,640 96 |
| September | 107,592 24 | 36,907 61 | 1,772 67 | 146,272 52 |
| October | 98,151 00 | 42,545 10 | 2,129 64 | 142,825 74 |
| November | 52,345 28 | 16,633 87 | 956 79 | 69,935 94 |
| December | 28,362 05 | 9,909 97 | 9,468 89 | 47,750 91 |
| | <hr/> | <hr/> | <hr/> | <hr/> |
| | \$936,094 65 | \$382,870 02 | \$78,618 56 | \$1,397,583 23 |
| | <hr/> | <hr/> | <hr/> | <hr/> |

Schedule of payments on account of work done and material furnished in completing abrogated contracts by department forces, year ending December 31, 1918.

Highway Improvement Fund

| 1918 | State funds | County funds | Village funds | Total |
|-----------------|---------------------|---------------------|--------------------|-----------------------|
| January | \$21,924 91 | \$7,513 56 | \$1,874 33 | \$31,312 80 |
| February | 21,392 67 | 4,494 55 | ..... | 25,887 22 |
| March | 12,598 73 | 3,960 00 | 45 00 | 16,603 73 |
| April | 28,126 64 | 8,698 89 | ..... | 36,825 53 |
| May | 74,864 59 | 16,172 93 | ..... | 91,037 52 |
| June | 90,395 57 | 16,556 59 | ..... | 106,952 16 |
| July | 68,454 26 | 18,227 00 | 325 85 | 87,007 11 |
| August | 80,229 59 | 13,765 05 | ..... | 93,994 64 |
| September | 89,415 42 | 16,243 28 | 7,613 52 | 113,272 22 |
| October | 101,714 11 | 12,772 32 | 19,009 91 | 133,496 34 |
| November | 122,128 34 | 24,378 21 | 7,626 65 | 154,133 20 |
| December | 100,133 31 | 21,261 77 | 1,112 09 | 122,507 17 |
| | <u>\$811,378 14</u> | <u>\$164,044 15</u> | <u>\$37,607 35</u> | <u>\$1,013,029 64</u> |

Schedule of payments for advertising of proposals for construction of roads, also hearings on grade crossings, year ending December 31, 1918.

Highway Improvement Fund

| 1918 | Amount |
|--------------------|-------------------|
| January | \$642 11 |
| October | 1,184 86 |
| November | 19 00 |
| Total | <u>\$1,845 97</u> |

Schedule of payments for right of way, year ending December 31, 1918, exclusive of grade crossings.

Highway Improvement Fund

| 1918 | Amount |
|--------------------|---------|
| January | \$16 81 |
| February | 79 00 |
| June | 12 35 |
| July | 10 00 |
| August | 11 00 |

| | 1918 | Amount |
|--------------------|------|-----------------|
| October | | \$125 00 |
| November | | 1 80 |
| December | | 2 00 |
| Total | | <u>\$257 96</u> |

Schedule of payments for grade crossing eliminations, year ending December 31, 1918.

Highway Improvement Fund

| | 1918 | Amount |
|--------------------|------|-------------------|
| February | | \$3,655 88 |
| April | | 277 70 |
| May | | 725 00 |
| August | | 417 86 |
| Total | | <u>\$5,076 44</u> |

Schedule of the total expenditures of State and county funds for the maintenance and repair of improved highways, including material furnished and work performed, also by patrol system, year ending December 31, 1918.

General Fund

| | 1918 | Paid by check | Paid by county draft |
|---------------------|------|---------------------|-----------------------|
| January | | \$46,873 26 | \$89,147 47 |
| February | | 19,861 10 | 33,694 95 |
| March | | 19,002 42 | 29,416 37 |
| April | | 8,396 03 | 131,376 74 |
| May | | | 374,008 80 |
| June | | | 590,983 53 |
| July | | | 676,244 96 |
| August | | 10,524 08 | 808,281 48 |
| September | | 12,564 45 | 627,147 85 |
| October | | 61,332 41 | 442,748 32 |
| November | | 103,885 97 | 191,770 25 |
| December | | 232,743 32 | 233,804 25 |
| | | <u>\$515,183 04</u> | <u>\$4,228,625 00</u> |

Summary

| | |
|----------------------------|-----------------------|
| Paid by check | \$515,183 04 |
| Paid by county draft | 4,228,625 01 |
| Total | \$4,743,808 05 |

Schedule of total expenditures under chapter 784, Laws of 1913, for establishing a new State route in the county of Greene, known as Route 5-C, year ending December 31, 1918.

General Fund

| 1918 | Amount |
|------------------------|--------------------|
| January | \$143 75 |
| February | 140 00 |
| March | 140 00 |
| April | 140 00 |
| May | 41 25 |
| June | 455 48 |
| July | 1,569 36 |
| August | 14,872 97 |
| September | 18,852 25 |
| October | 20,083 06 |
| November | 16,686 65 |
| December | 14,144 22 |
| Total | \$87,268 99 |

Schedule of total expenditures under chapter 277, Laws of 1915, for new State routes in the counties of Orleans and Niagara, year ending December 31, 1918.

Highway Improvement Fund

| 1918 | Amount |
|--------------------|------------|
| January | \$7,228 33 |
| February | 1,401 35 |
| March | 2,365 91 |
| April | 4,003 95 |
| May | 12,820 86 |
| June | 26,702 36 |

| | 1918 | Amount |
|---------------------|------|--------------|
| July | | \$32,196 46 |
| August | | 23,465 51 |
| September | | 9,329 10 |
| October | | 486 33 |
| November | | 2,646 85 |
| December | | 1,041 55 |
| Total | | \$123,688 56 |

Schedule of total expenditures under chapter 634, Laws of 1916, for the improvement of 1.30 miles of the highway leading from the State Women's Relief Corps Home at Oxford, Chenango county, year ending December 31, 1918.

| <i>General Fund</i> | | |
|---------------------|------|------------|
| | 1918 | Amount |
| April | | \$34 00 |
| May | | 25 30 |
| June | | 212 36 |
| July | | 144 84 |
| September | | 299 00 |
| October | | 1,566 65 |
| November | | 3,359 16 |
| December | | 1,203 06 |
| Total | | \$6,844 37 |

Schedule of total expenditures under chapter 181, Laws of 1917, and chapter 151, Laws of 1918, for the construction of highways under the direction of the Superintendent of State Prisons (salary and necessary expenses of engineer in charge), year ending December 31, 1918.

| <i>General Fund</i> | | | |
|---------------------|------|----------|--------------------|
| | 1918 | Salary | Traveling expenses |
| January | | \$208 33 | \$23 69 |
| February | | 208 33 | |
| March | | 208 33 | |
| April | | 208 33 | 20 92 |
| | | | Total |
| | | | \$232 02 |
| | | | 208 33 |
| | | | 208 33 |
| | | | 229 25 |

| 1918 | Salary | Traveling expenses | Total |
|---------------------|------------------|--------------------|------------------|
| May | \$208 33 | \$64 28 | \$272 61 |
| June | 208 33 | 84 79 | 293 12 |
| July | 208 33 | 76 27 | 284 60 |
| August | 208 33 | 108 48 | 316 81 |
| September | 208 33 | 55 18 | 263 51 |
| October | 208 33 | 48 64 | 256 97 |
| November | 208 33 | 46 08 | 254 41 |
| December | 208 33 | 68 00 | 276 33 |
| | <hr/> \$2,499 96 | <hr/> \$596 33 | <hr/> \$3,096 29 |

Schedule of total expenditures under chapter 276, Laws of 1917, for the State's share of the cost of the construction and improvement of rural post roads within the State, under the "Federal Aid Act," year ending December 31, 1918.

General Fund

| 1918 | Amount |
|---------------------|-------------------|
| January | \$2,453 53 |
| February | 2,191 97 |
| March | 3,391 31 |
| April | 2,291 44 |
| May | 577 42 |
| June | 521 60 |
| July | 102 72 |
| August | 544 80 |
| September | 136 67 |
| October | 146 38 |
| November | 112 86 |
| December | 956 49 |
| Total | <hr/> \$13,427 19 |

Schedule of total expenditures under chapter 734, Laws of 1917, for the maintenance and repair of improved State and county highways between Albany and New York, year ending December 31, 1918.

General Fund

| | 1918 | Amount. |
|---------------------|------|--------------------|
| January | | \$3,095 61 |
| February | | 765 53 |
| July | | 2,319 63 |
| August | | 5,603 93 |
| September | | 5,375 13 |
| October | | 5,472 19 |
| November | | 2,502 63 |
| December | | 2,994 86 |
| Total | | <u>\$28,129 51</u> |

Schedule of total expenditures under chapter 338, Laws of 1918, an emergency appropriation for the maintenance, repair and reconstruction of highways and bridges, year ending December 31, 1918.

General Fund

| | 1918 | Amount |
|---------------------|------|---------------------|
| May | | \$3,200 18 |
| June | | 45,967 32 |
| July | | 149,079 64 |
| August | | 147,843 42 |
| September | | 197,554 99 |
| October | | 124,624 68 |
| November | | 50,131 70 |
| December | | 51,483 74 |
| Total | | <u>\$769,885 67</u> |

Schedule of payments of Comptroller's office expense charged to Commission of Highways, year ending December 31, 1918.

Highway Improvement Fund

| | Amount. |
|--|-------------------|
| Quayle & Sons, for engraving bonds | \$3,410 00 |
| Quayle & Sons, for circulars | 32 00 |
| Total | <u>\$3,442 00</u> |

RECAPITULATION

| | |
|--|--------------|
| For salaries, traveling expenses and office expenses in administrative offices..... | \$190,383 63 |
| For salaries, traveling expenses and office expenses in the Bureau of Town Highways.... | 45,293 25 |
| For salaries and office expenses in the Bureau of Maintenance and Repair | 27,867 91 |
| For salaries and traveling expenses in the nine divisions and the office of the First Deputy.. | 327,202 82 |
| For rents, printing, merchandise bills and supplies | 36,101 91 |
| For payments to contractors for construction of roads | 1,397,583 23 |
| For payments on account of work done and material furnished in completing abrogated contracts by department forces..... | 1,013,029 64 |
| For advertising for proposals..... | 1,845 97 |
| For right of way | 257 96 |
| For the elimination of grade crossings..... | 5,076 44 |
| For payments for the maintenance and repair of improved highways, including materials furnished and work performed, also by patrol system | 4,743,808 05 |
| For payments under chapter 784, Laws of 1913, for establishing a new State route in the county of Greene, known as Route 5-C..... | 87,268 99 |
| For payments under chapter 277, Laws of 1915, for new State routes in the counties of Orleans and Niagara | 123,688 56 |
| For payments under chapter 634, Laws of 1916, for the improvement of 1.30 miles of the highway leading from the State Women's Relief Corps Home at Oxford | 6,844 37 |
| For payments under chapter 181, Laws of 1917, and chapter 151, Laws of 1918, for the construction of highways under the direction of the Superintendent of State Prisons (salary and necessary expenses of the engineer in charge) | 3,096 29 |

| | |
|---|----------------------------------|
| For payments under chapter 276, Laws of 1917, for the State's share of the cost of the con- struction and improvement of rural post roads within the State under Federal Aid Act.... | \$13,427 19 |
| For payments under chapter 734, Laws of 1917, for the maintenance and repair of improved State and county highways between Albany and New York | 28,129 51 |
| For payments under chapter 338, Laws of 1918, an emergency appropriation for the mainte- nance, repair and reconstruction of highways and bridges | 769,885 67 |
| For payments of Comptroller's office expenses charged to the Commission of Highways.... | 3,442 00 |
| Grand total | <hr/> \$8,824,233 39 <hr/> <hr/> |

Proposals received by the New York State Highway Commission for the improvement and repair of highways and bridges, and for furnishing and delivering bituminous materials.

Letting of February 27, 1918.

BITUMINOUS MATERIAL — CONTRACT No. 1

| Bidder | Amount | Binder "A" | |
|---|-------------|----------------|---------------------|
| | | Bbls. car lots | Bbls. less car lots |
| Atlantic Refining Co.. | \$80,066.90 | .1475 | .1623 |
| Capitol City Supply & Contracting Corp... | 114,690.00 | .21 | .24 |

BITUMINOUS MATERIAL — CONTRACT No. 2

| | | L. C. O. | | |
|------------------------|-------------|---------------|----------------|---------------------|
| | | Tank car lots | Bbls. car lots | Bbls. less car lots |
| Atlantic Refining Co.. | \$58,724.49 | .0989 | .1461 | .1615 |

BITUMINOUS MATERIAL — CONTRACT No. 3

| | | Material "T", cold application and binder | | | | |
|-----------------------|--------------|---|----------------|---------------------|------------------------|-----------------------------|
| | | Tank car lots | Bbls. car lots | Bbls. less car lots | Bbls. car lots. Binder | Bbls. less car lots. Binder |
| The Barrett Mfg. Co.. | \$130,236.30 | .1165 | .1590 | .1770 | .1610 | .1750 |

BITUMINOUS MATERIAL — CONTRACT No. 4 — DIVISIONS 3, 5, 6, 7, 8, 9

| | | Cold patch — asphaltic emulsion | |
|-------------------------------|-----------|---------------------------------|---------------------|
| | | Bbls. car lots | Bbls. less car lots |
| The Headley Good Roads Co.. | \$150,285 | .218 | .2468 |
| The Capitol City Supply Corp. | 151,755 | .22 | .25 |

Letting of February 28, 1918.

BITUMINOUS MATERIAL — CONTRACT No. 5 — DIVISIONS
1, 2, 4

| Bidder | Amount | Cold patch — asphaltic emulsion | |
|---|----------|---------------------------------|---------------------|
| | | Bbls. car lots | Bbls. less car lots |
| Capitol City Supply and Con- tracting Corp. | \$99,141 | .22 | .25 |

BITUMINOUS MATERIAL — CONTRACT No. 6

| | L. H. O. | | |
|------------------------------------|------------------|-------------------|------------------------|
| | Tank car lots | Bbls. car lots | Bbls. less car lots |
| The Atlantic Refg. Co. \$84,041.19 | .1151 | .1461 | .1620 |

BITUMINOUS MATERIAL — CONTRACT No. 7

| | Material "T." — Cold patch | |
|----------------------|----------------------------|---------------------|
| | Bbls. car lots | Bbls. less car lots |
| The Barrett Co. | \$94,074.45 | .179 .197 |

Letting of April 19, 1918.

ROAD No. 1435 — SOLON-GEE BROOK, PART 1, CORTLAND
COUNTY — 6.07 MILES

Greylock Construction Co., New York City..... \$64,717 36

ROAD No. 1100 — INDIAN LAKE-COUNTY LINE, HAMILTON
COUNTY — 4.54 MILES

S. B. Van Wagenen, Inc., Rondout, N. Y..... \$41,807 90

ROAD No. 5618 — CARTHAGE-ANTWERP, JEFFERSON COUNTY —
4.05 MILES

Greylock Construction Co., New York City..... \$40,737 09

ROAD No. 5557 — TOWNSEND-WATKINS, SCHUYLER COUNTY —
6.03 MILES

No proposals received.

**ROAD No. 1267 — BENNINGTON-ATTICA-ATTICA CENTER,
PARTS 2 AND 3, WYOMING COUNTY — 6.99 MILES**

No proposals received.

**ROAD No. 5590 — LEWISTON HEIGHTS-LEWISTON, NIAGARA
COUNTY — 0.61 MILE**

John Johnson Contracting Co., Buffalo, N. Y.... \$30,751 90

Letting of April 26, 1918.

REPAIR CONTRACT No. 1159 — ONTARIO COUNTY — 3.25 MILES

| | |
|---|-------------|
| Greenfield Construction Co., Hornell, N. Y..... | \$54,071 00 |
| Atlanta Construction Co., Atlanta, N. Y..... | 64,692 00 |
| Harry W. Roberts & Co., Utica, N. Y..... | 71,158 50 |
| Dale Engineering Co., Utica, N. Y..... | 77,453 50 |
| Schenectady Contracting Co., Schenectady, N. Y. | 80,861 80 |
| Belmar Contracting Co., Inc., Troy, N. Y..... | 97,816 00 |
| Samuel Beskin and E. W. Foley, Pittsford, N. Y. | 145,362 50 |
| Frank L. Cohen, Buffalo, N. Y..... | 151,982 00 |

REPAIR CONTRACT No. 1160 — ONTARIO AND LIVINGSTON COUNTIES — 4.00 MILES

| | |
|--|-------------|
| Atlanta Construction Co., Atlanta, N. Y..... | \$76,396 00 |
| Whitmore-Rauber & Vicinius, Inc., Rochester, N. Y. | 93,732 00 |
| Harry W. Roberts Co., Utica, N. Y..... | 103,641 00 |
| P. H. Murray, Rochester, N. Y..... | 113,311 00 |
| Dale Engineering Co., Utica, N. Y..... | 116,422 00 |
| Schenectady Contracting Co., Schenectady, N. Y. | 126,070 00 |
| Joseph Walker, Albany, N. Y..... | 139,212 00 |
| Frank L. Cohen, Buffalo, N. Y..... | 182,744 00 |

REPAIR CONTRACT No. 1161 — GENESEE COUNTY — 2.75 MILES

| | |
|---|-------------|
| Atlanta Construction Co., Atlanta, N. Y..... | \$63,676 00 |
| Rhody, Wing & Munger, Albion, N. Y..... | 65,718 00 |
| Dale Engineering Co., Utica, N. Y..... | 68,844 00 |
| Rossney Contracting Corp., Buffalo, N. Y..... | 69,060 30 |
| P. H. Murray, Rochester, N. Y..... | 74,963 50 |
| Guy B. Dickison, Syracuse, N. Y..... | 75,773 00 |
| Bison City Eng. and Contg. Co., Buffalo, N. Y.. | 81,757 00 |
| Schenectady Contracting Co., Schenectady, N. Y. | 82,940 00 |
| Frank V. Brotsch Co., Rochester, N. Y..... | 110,015 00 |
| Frank L. Cohen, Buffalo, N. Y..... | 125,249 00 |

REPAIR CONTRACT No. 1162 — GENESEE COUNTY — 4 MILES

| | |
|---|-------------|
| Louis H. Gipp Construction Co., Buffalo, N. Y.. | \$64,733 20 |
| Greenfield Construction Co., Hornell, N. Y..... | 68,050 00 |
| Guy B. Dickison, Syracuse, N. Y..... | 81,207 00 |
| Bison City Eng. and Contg. Co., Buffalo, N. Y.. | 83,132 00 |
| Rhodey, Wing & Munger, Albion, N. Y..... | 89,535 00 |
| Atlanta Construction Co., Atlanta, N. Y..... | 91,720 00 |
| Schenectady Contracting Co., Schenectady, N. Y. | 92,203 60 |
| Dale Engineering Co., Utica, N. Y..... | 94,498 00 |
| Henry P. Burgard Co., Buffalo, N. Y..... | 99,923 00 |
| P. H. Murray, Rochester, N. Y..... | 106,210 00 |
| Frank L. Cohen, Buffalo, N. Y..... | 149,104 00 |

Letting of May 3, 1918.**QUAKER BRIDGE, TUNESASSA-ALLEGANY INDIAN RESERVATION,
CATTARAUGUS COUNTY**

| | |
|--------------------------------------|-------------|
| Groton Bridge Co., Groton, N. Y..... | \$37,196 00 |
|--------------------------------------|-------------|

Letting of May 7, 1918.**REPAIR CONTRACT No. 1145 — ALBANY COUNTY**

| | |
|--|-------------|
| Boughton & Latus, Albany, N. Y..... | \$25,857 00 |
| The Defiance Corporation, Ticonderoga, N. Y... | 27,320 00 |

REPAIR CONTRACT NO. 1147 — CAYUGA, OSWEGO, SENECA AND
WAYNE COUNTIES

| | |
|---|-------------|
| Richard Hopkins, Troy, N. Y..... | \$31,727 30 |
| The Pathfinder Construction Co., Fulton, N. Y.. | 33,101 95 |

REPAIR CONTRACT NO. 1141 — FRANKLIN COUNTY

| | |
|---|------------|
| Richard Hopkins, Troy, N. Y..... | \$3,448 00 |
| The Atlantic Refining Co., Philadelphia, Pa.... | 3,778 00 |

REPAIR CONTRACT NO. 1150 — FULTON COUNTY

| | |
|----------------------------------|------------|
| Richard Hopkins, Troy, N. Y..... | \$4,936 10 |
|----------------------------------|------------|

REPAIR CONTRACT NO. 1156 — FULTON AND MONTGOMERY
COUNTIES

| | |
|----------------------------------|------------|
| Richard Hopkins, Troy, N. Y..... | \$4,129 50 |
|----------------------------------|------------|

REPAIR CONTRACT NO. 1146 — GENESEE AND WYOMING
COUNTIES

No proposals received.

REPAIR CONTRACT NO. 1154 — HERKIMER AND ONEIDA
COUNTIES

| | |
|--|-------------|
| Frank D. Griffin, Norwich, N. Y..... | \$18,347 45 |
| Griffin & Griffin, Norwich, N. Y..... | 19,087 40 |
| Richard Hopkins, Troy, N. Y..... | 19,461 35 |
| Nathan E. Young, Union, N. Y..... | 19,708 50 |
| Harry W. Roberts & Co., Utica, N. Y..... | 19,793 26 |

REPAIR CONTRACT NO. 1142 — JEFFERSON COUNTY

| | |
|---|------------|
| Herbert W. Fearl, Potsdam, N. Y..... | \$7,512 00 |
| Harry W. Roberts & Co., Utica, N. Y..... | 7,568 00 |
| Richard Hopkins, Troy, N. Y..... | 7,584 80 |
| The Defiance Corporation, Ticonderoga, N. Y... | 7,624 00 |
| The Pathfinder Construction Co., Fulton, N. Y.. | 7,994 00 |

REPAIR CONTRACT No. 1140 — LIVINGSTON COUNTY

| | |
|---|------------|
| McCarthy & Wall, Mt. Morris, N. Y..... | \$8,046 62 |
| Jesse J. Crouch, Rochester, N. Y..... | 8,454 60 |
| Kennedy Construction Co., Albany, N. Y..... | 11,268 20 |

REPAIR CONTRACT No. 1151 — MADISON COUNTY

| | |
|----------------------------------|------------|
| Richard Hopkins, Troy, N. Y..... | \$4,968 00 |
|----------------------------------|------------|

REPAIR CONTRACT No. 1136 — MONROE COUNTY

| | |
|---------------------------------------|-------------|
| Jesse J. Crouch, Rochester, N. Y..... | \$12,441 35 |
|---------------------------------------|-------------|

REPAIR CONTRACT No. 1137 — MONROE COUNTY

| | |
|---------------------------------------|-------------|
| Jesse J. Crouch, Rochester, N. Y..... | \$14,462 10 |
|---------------------------------------|-------------|

REPAIR CONTRACT No. 1158 — MONROE COUNTY

| | |
|---|-------------|
| Frank V. Brotsch Co., Rochester, N. Y..... | \$13,383 54 |
| Town Board, Town of Irondequoit, Monroe County, N. Y. | 14,222 45 |

REPAIR CONTRACT No. 1138 — MONROE AND ORLEANS COUNTIES

| | |
|---------------------------------------|-------------|
| Jesse J. Crouch, Rochester, N. Y..... | \$12,118 18 |
|---------------------------------------|-------------|

REPAIR CONTRACT No. 1139 — MONROE AND ONTARIO COUNTIES

| | |
|---------------------------------------|-------------|
| Jesse J. Crouch, Rochester, N. Y..... | \$10,629 45 |
|---------------------------------------|-------------|

REPAIR CONTRACT No. 1148 — ONEIDA COUNTY

| | |
|--|-------------|
| Harry W. Roberts & Co., Utica, N. Y..... | \$29,634 57 |
|--|-------------|

REPAIR CONTRACT No. 1152 — OTSEGO COUNTY

| | |
|---|-------------|
| Nathan E. Young, Union, N. Y..... | \$19,716 00 |
| The Lane Construction Corp., Meriden, Conn... | 20,216 00 |
| Frederick A. Biggi, Albany, N. Y..... | 25,836 00 |

REPAIR CONTRACT No. 1149 — RENSSELAER COUNTY

| | |
|---|-------------|
| The Atlantic Refining Co., Philadelphia, Pa.... | \$11,455 50 |
| The Defiance Corporation, Ticonderoga, N. Y... | 11,992 00 |

REPAIR CONTRACT No. 1143 — ST. LAWRENCE COUNTY

| | |
|---|-------------|
| Herbert W. Fearl, Potsdam, N. Y..... | \$10,380 00 |
| Harry W. Roberts & Co., Utica, N. Y..... | 10,420 00 |
| The Defiance Corporation, Ticonderoga, N. Y... | 10,500 00 |
| The Pathfinder Construction Co., Fulton, N. Y.. | 10,997 00 |

REPAIR CONTRACT No. 1144 — ST. LAWRENCE COUNTY

| | |
|---|------------|
| Herbert W. Fearl, Potsdam, N. Y..... | \$6,230 00 |
| The Pathfinder Construction Co., Fulton, N. Y.. | 6,730 00 |
| The Atlantic Refining Co., Philadelphia, Pa.... | 6,950 00 |

REPAIR CONTRACT No. 1155 — SCHENECTADY AND WASHINGTON
COUNTIES

| | |
|----------------------------------|-------------|
| Richard Hopkins, Troy, N. Y..... | \$15,225 00 |
|----------------------------------|-------------|

REPAIR CONTRACT No. 1153 — STEUBEN COUNTY

| | |
|---|-------------|
| Kennedy Construction Co., Albany, N. Y..... | \$24,995 87 |
|---|-------------|

REPAIR CONTRACT No. 1157 — WESTCHESTER COUNTY

| | |
|--|-------------|
| The Defiance Corporation, Ticonderoga, N. Y... | \$15,707 10 |
|--|-------------|

Also proposals for Broken Stone Contract No. 75, Clinton county.

No proposals received.

Also proposals for the construction of a storehouse (Storehouse Contract No. 1) at Waterford, N. Y. (Albany county).

| | |
|---|------------|
| Kennedy & Scullen Const. Co., Inc., Cohoes, N. Y. | \$7,471 75 |
| Wm. R. Kimmey, Albany, N. Y..... | 8,421 75 |
| Bame & Cardell, Albany, N. Y..... | 9,442 05 |
| James T. Young, Watervliet, N. Y..... | 9,733 50 |

Letting of May 13, 1918.**REPAIR CONTRACT NO. 1160 — ONTARIO COUNTY — 3.5 MILES**

| | |
|--|-------------|
| P. H. Murray, Rochester, N. Y..... | \$66,150 50 |
| Dale Engineering Co., Utica, N. Y..... | 71,640 50 |
| Jos. Walker, Albany, N. Y..... | 79,793 50 |
| Atlanta Construction Co., Atlanta, N. Y..... | 82,751 00 |
| Harry W. Roberts & Co., Utica, N. Y..... | 86,727 00 |

REPAIR CONTRACT NO. 1163 — LIVINGSTON AND ONTARIO COUNTIES — 3 MILES

| | |
|--|-------------|
| P. H. Murray, Rochester, N. Y..... | \$60,178 50 |
| Dale Engineering Co., Utica, N. Y..... | 62,211 60 |
| Frederick A. Biggi, Albany, N. Y..... | 64,706 60 |
| Harry W. Roberts & Co., Utica, N. Y..... | 74,761 00 |
| Atlanta Construction Co., Atlanta, N. Y..... | 76,439 00 |

REPAIR CONTRACT NO. 1164 — MONROE AND ONTARIO COUNTIES — 3.5 MILES

| | |
|--|-------------|
| Jos. Walker, Albany, N. Y..... | \$69,517 00 |
| The Pathfinder Const. Co., Inc., Fulton, N. Y... | 69,843 40 |
| Frank V. Brotsch & Co., Rochester, N. Y..... | 73,234 00 |
| Ribstein-Holter Co., Inc., Rochester, N. Y..... | 73,489 00 |
| Dale Engineering Co., Utica, N. Y..... | 74,492 60 |
| Whitmore-Rauber & Vicinius, Inc., Rochester, N. Y. | 98,653 00 |

Letting of May 15, 1918.**REPAIR CONTRACT NO. 1162 — GENESEE COUNTY — 3.25 MILES**

| | |
|---|-------------|
| Ribstein-Holter Co., Inc., Rochester, N. Y..... | \$64,455 00 |
| Cold Spring Construction Co., Buffalo, N. Y.... | 64,785 00 |
| Dale Engineering Co., Utica, N. Y..... | 67,427 00 |
| Frederick A. Biggi, Albany, N. Y..... | 72,029 00 |
| Bison City Eng. & Contracting Co., Buffalo, N. Y. | 83,991 00 |

REPAIR CONTRACT No. 1165 — GENESEE COUNTY — 3.25 MILES

| | |
|---|-------------|
| Cold Spring Construction Co., Buffalo, N. Y.... | \$62,355 50 |
| Dale Engineering Co., Utica, N. Y..... | 63,357 00 |
| Bison City Eng. & Contracting Co., Buffalo, N. Y. | 78,661 00 |
| Henry P. Burgard Co., Buffalo, N. Y..... | 97,107 00 |

REPAIR CONTRACT No. 1166 — SENECA COUNTY — 2.39 MILES

| | |
|---|-------------|
| Harry W. Roberts & Co., Utica, N. Y..... | \$58,613 50 |
| Dana W. Robbins, Inc., New York City..... | 65,401 00 |
| Dale Engineering Co., Utica, N. Y..... | 65,916 00 |

Letting of June 14, 1918.**CHITTENANGO CREEK BRIDGE, CHITTENANGO, MADISON COUNTY**

| | |
|---|-------------|
| Shults, Tyler & Tibbitts, Chittenango, N. Y.... | \$15,291 00 |
| Newport Construction Co., Newport, N. Y..... | 15,777 00 |

Letting of July 1, 1918.**CHITTENANGO CREEK BRIDGE, CHITTENANGO, MADISON COUNTY**

| | |
|---|-------------|
| Tyler & Carnevale, Chittenango, N. Y..... | \$15,291 00 |
|---|-------------|

Letting of August 12, 1918.**ROAD No. 5544 — HINSDALE—FRANKLINVILLE, Pt. 2, CATTARAUGUS COUNTY — 6.88 MILES**

No bids received.

**ROAD No. 1312 — BARRYTOWN—RED HOOK—ROCK CITY,
DUTCHESS COUNTY — 6.81 MILES**

| | |
|---|--------------|
| S. B. Wagenen, Inc., Rondout, N. Y..... | \$104,735 10 |
| Samuel Beskin, Beacon, N. Y..... | 112,470 20 |

**ROAD No. 924-AA — WALES CENTER—WALES, ERIE COUNTY —
6.03 MILES**

No proposals received.

ROAD No. 1333 — COLLINS CENTER—SPRINGVILLE, ERIE COUNTY
— 9.14 MILES

P. H. Murray, Rochester, N. Y..... \$221,253 10

ROAD No. 5622 — HOLLAND—YORKSHIRE, PART 1, ERIE COUNTY
— 5.19 MILES

No proposals received.

ROAD No. 1348 — NEW BALTIMORE STATION—COEYMANB,
GREENE COUNTY — 3.98 MILES

Joseph Walker, Albany, N. Y..... \$62,347 00

ROAD No. 1390 — CHILI—COLDWATER, MONROE COUNTY — 2.92
MILES

Oliver Costich Co., Inc., Rochester, N. Y..... \$38,975 22

Frank V. Brotsch, Rochester, N. Y..... 39,148 17

ROAD No. 512-A — AKIN—JOHNSTOWN, MONTGOMERY COUNTY,
PART 1 (TIMBER CRIB)

Chas. H. Wilde, Jr., Fort Johnson, N. Y..... \$8,764 00

ROAD No. 1342 — ROSLYN—PORT WASHINGTON, NASSAU COUNTY
— 5.24 MILES

No proposals received.

ROAD No. 1343 — WESTBURY—HICKSVILLE, NASSAU COUNTY —
3.09 MILES

Claire D. Schlemmer, Islip, N. Y..... \$95,542 00

ROAD No. 1344 — GREENE CORNER—FRANCIS POND, NASSAU
COUNTY — 3.38 MILES

Claire D. Schlemmer, Islip, N. Y..... \$90,704 59

ROAD No. 1278 — CANANDAIGUA—ORLEANS, ONTARIO COUNTY —
8.63 MILES

No proposals received.

ROAD No. 499 — MIDDLETOWN—MONTGOMERY, ORANGE COUNTY
— 9.18 MILES

No proposals received.

ROAD No. 1454 — DUANESBURG—ESPERANCE, SCHENECTADY
COUNTY — 6.33 MILES

No proposals received.

ROAD No. 5571 — WHITE PLAINS—EAST VIEW, WESTCHESTER
COUNTY — 4.29 MILES

| | |
|---|-------------|
| Malloy & Murray Contracting Co., Yonkers, N. Y. | \$72,044 66 |
| Ciarcia & Troisi, Mount Vernon, N. Y..... | 63,856 10 |

REPAIR CONTRACT No. 959 — DELAWARE COUNTY

| | |
|--|-------------|
| Harry W. Roberts & Co., Utica, N. Y..... | \$32,692 12 |
| Greylock Construction Co., Inc., New York City.. | 27,495 30 |


REPAIR CONTRACT No. 1085 — ONONDAGA COUNTY

| | |
|-------------------------------------|-------------|
| Warren Bros. Co., Boston, Mass..... | \$49,430 80 |
|-------------------------------------|-------------|

REPAIR CONTRACT No. 1170 — CATTARAUGUS COUNTY

| | |
|---|-------------|
| Chenango Construction Co., Inc., Perth Amboy, N. J. | \$29,977 00 |
| Thomas F. Murray, Le Roy, N. Y..... | 28,632 00 |

APPENDIX A

**COMPLETE CONSECUTIVE NUMERICAL LIST
OF ALL
COUNTY AND STATE HIGHWAYS
ALSO
DETAILS AND COST OF CONSTRUCTION 
JANUARY 1, 1898—DECEMBER 31, 1918
[185]**

ABBREVIATIONS FOR APPENDIX A

| | | |
|-------------------------------|--------------------------------|-------------------------------|
| Am. amiesite | Glu., glutrin or lignin liquor | P., parabolic section |
| Anor., anorthosite | Gn., gneiss | Qrz., quartzite |
| App., approved | Grn., granite | Qst., quarrystone |
| Asp., asphalt | Grt., grout | Re., reinforced |
| Av., average | Grv., gravel | Ro., rock |
| Ber., Bermudes | H Con., Hassam concrete | Sc., screenings |
| Bit. Mac., bituminous macadam | HC. T., high carbon tar | S Con., second-class concrete |
| BM., bituminous macadam | HC. HT., high carbon hot tar | Sh., shale |
| Bitu., bitulithic | HC. CT., high carbon cold tar | Sht., sheet |
| Bl., bluestone | H. O., asphaltic hot oil | Sl., slag |
| Bld., boulders | Imp., imported | Sn., sand |
| Blk., block | LC. T., low carbon tar | Set., sandstone |
| Br., brick | LC. HT., low carbon hot tar | St., stone |
| BT., bituminous top | LC. CT., low carbon cold tar | Sub., stone sub-bottom |
| CaCl., calcium chloride | Lig. Mas., Lignum Mastic | Sy., syenite |
| Cal., calcareous | Li., limestone | T., tar |
| Cem., cementation | Lo., local | Tel., Telford |
| CO., asphaltic cold oil | Med., Medina | Tp., top |
| Cu., Cuban | MM-1, mixing method, type 1 | Tr., trap |
| Dol., dolomite | MM-2, mixing method, type 2 | Trn., Trinidad |
| F Con., first-class concrete | | WB., waterbound |
| Fld., fieldstone | | Wd., wood |
| Gab., gabbro | | |
| Gil., gilsonite | | |

EXPLANATORY NOTES FOR APPENDIX A

All highways having indicated "Screenings and water" under the heading of "Binder" are waterbound.

All highways having indicated "Asphalt" under the heading of "Binder" are bituminous macadam by the penetration method, using residuum asphalt.

All highways having Bermudes, Trinidad or other so-called natural asphalts in the "Binder" column are bituminous macadams, penetration method.

All highways having "Tar" indicated in the "Binder" column are bituminous macadams, penetration method.

All bituminous macadams which are not penetration method are specially shown as "Mixing Methods". All other types are self-explanatory.

All hot and cold oils are of asphaltic base.

Where bottom course is specified as "Sub." the size of stone is the same as specified for sub-bottom.

On all parabolic sections the approximate center thickness is given.

The mileages shown on the left are the actual mileages constructed and will not always check with those in Appendix "B" on account of eliminations, etc., Appendix "B" showing net mileages in existence.

The 16 foot pavement has been taken as the standard because of the large proportion of highways which are of that width.

The cost per square yard of pavement includes the pavement items only, excluding everything except those materials shown in the tabulation.

On brick pavements the cost per square yard does not include edging or curbing.

The cost per mile of highway is obtained from three quantities: i.e., the pavement cost per 16 foot width, the excavation cost per mile of 26 foot width and the cost of other items per mile of center line.

The pavement cost per mile is obtained by multiplying the square yardage cost by the constant for a 16 foot mile (9387).

The excavation cost is obtained by finding the total square yardage of roadway lying between the ditches and dividing by the constant for a 26 foot mile. This gives the equivalent 26 foot mileage. The total cost of excavation divided by this mileage is the value used.

The total cost of excavation plus the total cost of pavement items deducted from the entire cost of the highway give the total cost of other items. This quantity divided by the center line mileage gives a total cost per mile of other items as used.

The sum of these three quantities is the value shown as "Cost per mile of 16'-26' highway".

"Total cost" includes State, county and village expenditures to cover construction, engineering and inspection.

All quantities on roads 100 per cent. complete and showing the final cost are taken from the final estimate. All other quantities are taken from the preliminary estimate.

The symbol "+" indicates that the final construction differed from the contemplated construction in the detail indicated or in the entire highway.

KEY TO NUMERALS USED IN APPENDIX A

The manufacturers of all bituminous materials used as binders or surfacings are indicated by the following numbers:

- | | |
|-------------------------------|--------------------------------------|
| (1) Barber Asphalt Paving Co. | (12) American Asphalt and Rubber Co. |
| (2) Texas Co. | (13) International Asphalt Co. |
| (3) Sun Co. | (14) Wadsworth Stone & Paving Co. |
| (4) Beyerley & Sons. | (15) U. S. Asphalt Refining Co. |
| (5) Union Oil Co. | (16) United Gas Improvement Co. |
| (6) John Baker Co. | (17) Barrett Manufacturing Co. |
| (7) Warner-Quinlan Co. | (18) Dock Refining Co. |
| (8) Johns Manville Co. | (19) Dolarway Co. |
| (9) Indian Refining Co. | (20) Robeson Process Co. |
| (10) Standard Oil Co. | (21) Prudential Oil Corp. |
| (11) Atlantic Refining Co. | (?) Manufacturer unknown. |

The trade names of cements used on concrete pavements are indicated by the following numbers:

- | | | | |
|--------------|--------------------|-------------------|----------------|
| (1) Alpha | (7) Giant | (13) Penn-Allen | (19) Nazareth |
| (2) Alsen | (8) Helderberg | (14) Phoenix | (20) Cayuga |
| (3) Atlas | (9) Ironclad | (15) Saylor | (21) Newcastle |
| (4) Crescent | (10) Knickerbocker | (16) Universal | (22) Vulcanite |
| (5) Dragon | (11) Lehigh | (17) Whitehall | (23) Tidewater |
| (6) Edison | (12) Millen | (18) Pennsylvania | (24) Catskill |

The trade names of all brick used in brick pavements are indicated by the following numbers:

- | | | |
|---------------------|-------------------|----------------------|
| (1) Allegany Valley | (13) "D & B" | (24) Penn Clay |
| (2) American | (14) Foster | (25) Porter |
| (3) Bessemer | (15) Jamestown | (26) Porter National |
| (4) Bradford | (16) Johnstown | (27) Reynoldsville |
| (5) C. C. W. | (17) Mack | (28) Shawmut |
| (6) Century | (18) Mayer | (29) Standard |
| (7) Clearfield | (19) Medal | (30) Tidewater |
| (8) Collingwood | (20) Metropolitan | (31) Toronto |
| (9) Conneaut | (21) Nelsonville | (32) Tuna Valley |
| (10) Corning | (22) Olean | (33) Watsontown |
| (11) Corry | (23) Paterson | (34) Youngsville |
| (12) Cowans | | |

The following letters are used with concrete pavements and foundations to indicate the proportions used:

- | | | |
|------------|------------|-----------|
| (a) 1-1½-3 | (d) 1-2½-5 | (g) 1-5 |
| (b) 1-2-3 | (e) 1-3-5 | (h) 1-6 |
| (c) 1-2-4 | (f) 1-3-6 | (i) 1-3-4 |

Where "gravel concrete" is indicated the mixture is made from "run of bank" gravel unless shown as "screened gravel concrete".

APPENDIX A — COUNTY HIGHWAYS

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1 | Schenectady | 2.00 | ..... | \$16,517 51 | \$8,782 51 | 9/17/98 | 100 | 7/27/99 | 2.00 | 16 | 28 | 18,773 |
| 2 | Erie | 6.48 | ..... | 30,928 60 | 15,464 30 | 10/4/98 | 100 | 5/—/00 | 6.48 | 12 | 32 | 45,601 |
| 3 | Oneida | 2.25 | ..... | 16,338 29 | 8,338 29 | 10/7/98 | 100 | 12/19/99 | 2.24 | 12 | 20-24 | 15,780 |
| 4 | Columbiana | 1.23 | ..... | 9,992 87 | 6,015 37 | 10/25/98 | 100 | 8/15/99 | 1.23 | 15 | 24 | 11,545 |
| 5 | Monroe | 2.45 | ..... | 13,598 70 | 7,501 25 | 3/6/99 | 100 | 12/7/00 | 2.45 | 12 | 30 | 17,248 |
| 6 | Monroe | 6.49 | ..... | 40,013 89 | 20,113 89 | 8/16/99 | 100 | 7/26/00 | 6.49 | 16 | 26 | 60,927 |
| 7 | Albany | 1.01 | ..... | 15,455 27 | 7,727 64 | 5/15/00 | 100 | 7/17/02 | 1.01 | 15 | 28 | 8,862 |
| 8 | Onondaga | 1.20 | ..... | 12,889 56 | 6,444 78 | 6/17/00 | 100 | 11/17/00 | 1.20 | 15 | 21 | 10,616 |
| 9 | Onondaga | 0.61 | ..... | 7,729 93 | 3,864 97 | 7/1/99 | 100 | 10/20/00 | 0.61 | 15 | 21-22 | 5,379 |
| *10 | Rensselaer | 1.00 | ..... | 7,437 26 | 3,718 63 | 7/21/99 | 100 | 7/12/00 | 1.00 | 15 | 21-29 | 8,800 |
| 11 | Rensselaer | 1.03 | ..... | 10,642 75 | 5,321 37 | 7/21/99 | 100 | 2/11/01 | 1.03 | 15 | 20-27 | 9,060 |
| *12 | Saratoga | 2.60 | ..... | 20,903 04 | 10,757 71 | 5/21/00 | 100 | 1/15/01 | 2.60 | 16 | 24 | 24,405 |
| 13 | Chemung | 1.11 | ..... | 7,942 00 | 3,971 00 | 5/8/00 | 100 | 12/23/01 | 1.11 | 15 | 26 | 9,742 |
| 14 | Herk | 0.63 | ..... | 7,242 67 | 3,621 33 | 5/8/00 | 100 | 8/23/00 | 0.63 | 16 | 22 | 5,985 |
| 15 | Monroe | 5.66 | ..... | 30,040 00 | 15,020 00 | 5/14/00 | 100 | 11/21/00 | 5.66 | 12 | 16-20 | 39,972 |
| 16 | Ulster | 0.60 | ..... | 6,192 33 | 3,096 17 | 5/12/00 | 100 | 7/2/02 | 0.60 | 16 | 22 | 5,670 |
| 17 | West | 2.76 | ..... | 27,392 18 | 13,696 09 | 5/12/00 | 100 | 12/24/01 | 2.76 | 16 | 25 | 25,942 |
| 18 | West | 2.78 | ..... | 28,014 56 | 14,007 28 | 7/23/00 | 100 | 10/24/01 | 2.78 | 16 | 26 | 26,038 |
| *20 | West | 3.77 | ..... | 31,520 00 | 15,760 00 | 5/12/00 | 100 | 11/12/01 | 3.77 | 14 | 20 | 30,870 |
| *21 | Oneida | 1.33 | ..... | 10,487 32 | 5,243 66 | 7/6/00 | 100 | 7/2/01 | 1.33 | 15 | 22 | 11,667 |
| 22 | Albany | 3.41 | ..... | 35,807 96 | 17,753 98 | 6/25/00 | 100 | 11/8/01 | 3.41 | 16 | 26 | 32,040 |
| 23 | Erie | 1.45 | ..... | 17,356 04 | 8,856 04 | 7/26/00 | 100 | 12/18/00 | 1.45 | 20 | 26 | 17,013 |
| *24 | Dela | 3.05 | ..... | 28,820 00 | 14,410 00 | 7/16/01 | 100 | 1/22/03 | 3.05 | 15 | 22-25 | 26,800 |
| 25 | Rensselaer | 2.59 | ..... | 22,658 49 | 11,329 24 | 6/20/01 | 100 | 11/5/02 | 2.59 | 16 | 26 | 24,372 |
| 26 | Rensselaer | 1.15 | ..... | 14,610 20 | 7,309 65 | 9/27/00 | 100 | 9/4/01 | 1.15 | 16-20 | 30 | 11,244 |
| 27 | Erie | 3.41 | ..... | 36,482 25 | 18,241 13 | 7/17/01 | 100 | 6/13/02 | 3.41 | 16 | 30 | 31,990 |
| 28 | Chemung | 1.06 | ..... | 11,987 82 | 5,993 91 | 7/17/01 | 100 | 6/6/02 | 1.06 | 16 | 20 | 9,950 |
| 29 | Chemung | 1.02 | ..... | 10,799 39 | 5,399 65 | 7/17/01 | 100 | 12/3/01 | 1.02 | 16 | 20 | 9,584 |
| 30 | Chemung | 5.72 | ..... | 41,728 00 | 20,864 00 | 6/10/01 | 100 | 12/1/02 | 5.72 | 12 | 16-26 | 43,800 |
| 31 | Ulster | 2.65 | ..... | 17,510 00 | 8,755 00 | 6/5/01 | 100 | 8/15/02 | 0.93 | 12 | 28 | 6,933 |
| 32 | Mont | 4.03 | ..... | 30,952 00 | 15,476 00 | 6/5/01 | 100 | 7/24/03 | 1.67 | 12 | 26 | 11,734 |
| 33 | Fulton | 2.15 | ..... | 20,954 20 | 10,477 10 | 5/31/01 | 100 | 12/18/01 | 4.03 | 16 | 26 | 37,815 |
| 34 | West | 3.21 | ..... | 26,000 00 | 13,000 00 | 7/22/01 | 100 | 10/1/02 | 2.15 | 16 | 26 | 20,295 |
| *35 | West | 1.57 | ..... | 13,116 55 | 6,558 28 | 6/18/01 | 100 | 7/20/03 | 3.21 | 14 | 36 | 26,244 |
| 36 | Dela | 4.00 | ..... | 22,881 18 | 11,440 59 | 6/10/01 | 100 | 8/15/02 | 1.57 | 12 | 16 | 11,053 |
| 37 | Ulster | 4.88 | ..... | 35,520 00 | 17,760 00 | 5/6/02 | 100 | 8/27/03 | 4.00 | 12 | 16-26 | 28,032 |
| 38 | Saratoga | 1.52 | ..... | 12,370 00 | 6,185 00 | 7/27/01 | 100 | 7/29/02 | 4.88 | 12 | 24 | 34,322 |
| 39 | Cort | 0.47 | ..... | 3,810 00 | 1,905 00 | 7/30/01 | 100 | 9/8/02 | 1.52 | 16 | 25 | 14,230 |
| 40 | Cort | 2.74 | ..... | 22,497 20 | 11,248 60 | 8/5/01 | 100 | 7/2/02 | 0.47 | 16 | 26 | 4,412 |
| 41 | Albany | 10.95 | ..... | 22,330 00 | 11,165 00 | 6/18/01 | 100 | 7/24/02 | 2.74 | 15 | 26 | 24,112 |
| 42 | Orange | 7.55 | ..... | 22,923 00 | 11,464 00 | 6/18/01 | 100 | 9/9/02 | 3.65 | 22 | 28 | 41,400 |
| 43 | Orange | 4.22 | ..... | 9,690 00 | 4,845 00 | 6/18/01 | 100 | 7/24/02 | 7.80 | 16 | 22 | 74,101 |
| 44 | Orange | 9.25 | ..... | 13,770 00 | 6,885 00 | 6/18/01 | 100 | 7/24/02 | 7.55 | 22 | 28 | 97,445 |
| 45 | Orange | 1.51 | ..... | 8,315 02 | 4,157 51 | 6/18/01 | 100 | 11/—/04 | 4.22 | 22 | 22 | 54,467 |
| 46 | Orange | 1.76 | ..... | 17,100 00 | 8,550 00 | 8/12/01 | 100 | 6/13/02 | 9.25 | 16 | 22 | 16,533 |
| 47 | Broome | 1.00 | ..... | 9,100 00 | 4,550 00 | 11/29/01 | 100 | 12/23/02 | 1.51 | 12 | 26 | 10,653 |
| 48 | Onondaga | 2.00 | ..... | 18,600 00 | 9,300 00 | 5/17/02 | 100 | 10/28/04 | 1.76 | 16 | 22 | 16,533 |
| 49 | Onondaga | 4.44 | ..... | 38,103 08 | 19,051 54 | 7/22/01 | 100 | 2/9/03 | 2.00 | 16 | 24 | 9,387 |
| 50 | West | 5.04 | ..... | 44,084 00 | 22,042 00 | 7/24/01 | 100 | 12/23/02 | 4.44 | 12 | 20 | 31,224 |
| 51 | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.04 | 12 | 20 | 35,448 |

* See list by counties † Changed from original plans.

JANUARY 1, 1898 TO DECEMBER 31, 1918

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------------|------------|-----------|---------------|-----------------------------|-----------------------------|------------------|-------|----------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 10'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| | 4 Tr. | 12 So. | water | | | 8,200 | 1915 | 0.91 | Bit. Mac | 1 |
| | 4 Tr. | 12 So. | water | | | 6,300 | 1910 | 5.67 | Brick | 2 |
| | 4 Tr. | 12 So. | water | | | 7,200 | 1915 | 1.00 | B.M. MM-2. | 3 |
| | 4 Grv. | 12 So. | water | | | 8,120 | 1910 | 1.23 | Grv. Bit. Mac | 4 |
| | 4 Tr. | 12 So. | water | | | 5,670 | 1910 | 1.06 | Amesite. | 5 |
| | | | | | | | 1914 | 1.39 | Topeka | |
| | 4 Li. | 12 So. | water | | | 6,155 | 1909 | 3.20 | Bit. Mac | 6 |
| | | | | | | | 1909 | 0.25 | Br. Cubes | |
| | | | | | | | 1914 | 0.99 | Brick | |
| | | | | | | | 1915 | 0.50 | Roemac | |
| | | | | | | | 1917 | 1.55 | F. Con. | |
| | 4 Tr. | 12 So. | water | | 0.604 | 15,300 | 1914 | 1.04 | Brick | 7 |
| | 4 Tr. | 12 So. | water | | | 10,740 | 1912 | 1.20 | Bit. Mac | 8 |
| | 4 Tr. | 12 So. | water | | | 12,670 | 1912 | 0.61 | Bit. Mac | 9 |
| | 4 Tr. | 12 So. | water | | 0.400 | 7,630 | 1910 | 0.48 | Bit. Mac | 10 |
| | 4 Tr. | 12 So. | water | | | | 1917 | 1.03 | Bit. Mac | 11 |
| | 4 Tr. | 12 Li. | water | | | 8,010 | 1910 | 2.60 | Bit. Mac | 13 |
| | 4 Tr. | 12 Li. | water | | 0.509 | 7,455 | 1914 | 1.11 | Bit. Mac | 14 |
| | 4 Tr. | 12 Li. | water | | | 11,500 | 1917 | 0.63 | 6" F. Con. | 15 |
| | 3 Lo. Bl. | 12 Li. | water | | 0.408 | 8,790 | 1910 | 5.66 | WB. HO. | 16 |
| | 4 Tr. | 12 Li. | water | | 0.636 | 10,320 | 1909 | 0.60 | WB. CO. | 17 |
| | 4 Tr. | 12 Li. | water | | 0.728 | 9,830 | 1909 | 3.06 | WB. CO. | 18 |
| | 4 Tr. | 12 Li. | water | | 0.562 | 10,040 | 1915 | 2.78 | 2" Bit. Mac | 19 |
| | 4 Tr. | 12 Li. | water | | 0.675 | 9,155 | 1910 | 1910 | Bit. Mac | 20 |
| | | | | | | 7,890 | | | | 21 |
| | 4 Tr. | 12 Li. Sc. | water | Li. & Li. Sc. | 0.764 | 10,410 | 1909 | 1.76 | Bit. Mac | 22 |
| | | | | | | | 1912 | 1.12 | Brick | |
| | | | | | | | 1915 | 0.53 | Bit. Mac | |
| | 4 Tr. | 12 Li. Sc. | water | | | 11,970 | 1915 | 0.87 | Bit. Mac | 23 |
| | | | | | | | 1917 | 0.58 | 6" F. Con.-16" | |
| | 3 Lo. St. | 3 So. | water | | 0.731 | 9,890 | 1909 | 1.35 | WB. Mac | 24 |
| | | | | | | | 1910 | 1.70 | Bit. Mac | 25 |
| | 4 Tr. | 12 Li. Sc. | water | | 0.593 | 8,750 | 1917 | 0.70 | Bit. Mac | 26 |
| | 4 Tr. | 12 So. | water | | | 12,710 | 1910 | 1.15 | Brick | 27 |
| | 4 Tr. | 12 So. | water | | | 10,700 | | | WB. Oiled | 28 |
| | 4 Tr. | 12 So. | water | | | 11,310 | 1917 | 1.06 | 21" Bit. Mac | 29 |
| | 4 Tr. | 12 So. | water | | | 10,530 | 1909 | 1.02 | Bit. Mac | 30 |
| | 3 Lo. Bl. | 3 So. | water | | 0.550 | 8,430 | | | Oiled | 31 |
| | 3 Li. | 3 So. | water | | 0.443 | 7,230 | | | | |
| | 4 Lo. St. & Li. | 4 So. | water | | 0.537 | 8,110 | 1910 | 2.65 | Bit. Mac | 32 |
| | 4 App. Tr. | 4 So. | water | | 0.519 | 7,677 | 1910 | 4.04 | Bit. Mac | 33 |
| | 4 Lo. St. Tr. | 4 So. | water | | 0.615 | 9,700 | 1917 | 2.16 | F. Con. | 34 |
| | 3 Lo. St. | 3 So. | water | | 0.585 | 8,820 | 1910 | 1.37 | Bit. Mac | 35 |
| | 4 Grv. | 4 So. | water | | | 8,350 | 1917 | 1.57 | Bit. Mac. M.M. | 36 |
| | 3 Lo. Bl. | 3 So. | water | | 0.480 | 6,830 | 1910 | 4.00 | Bit. Mac | 37 |
| | 3 Lo. St. | 3 So. | water | | 0.532 | 8,720 | 1910 | 4.91 | Bit. Mac | 38 |
| | 4 Tr. | 12 So. | water | | 0.505 | 8,140 | 1910 | 1.35 | Bit. Mac | 39 |
| | 4 Li. | 12 So. | water | | | 8,110 | 1910 | 0.47 | Bit. Mac | 40 |
| | 3 Li. | 3 So. | water | | 0.606 | 8,721 | 1915 | 1.84 | WB. Mac | 41 |
| | | | | | | | 1915 | 2.02 | Bit. Mac | |
| | 3 Grv. | 3 Water | | | 0.142 | 2,931 | 1913 | 0.86 | F. Con. | 42 |
| | | | | | | 1,601 | 1915 | 3.67 | Bit. Mac | |
| | | | | | | | 1916 | 3.22 | Bit. Mac | |
| | | | | | | | 1912 | 3.00 | Bit. Mac | |
| | 4 Grv. | | | | | 2,211 | 1912 | 1.74 | Bit. Mac | 43 |
| | | | | | | | 1913 | 5.00 | Bit. Mac | |
| | | | | | | | 1916 | 0.81 | Bit. Mac | |
| | 4 Grv. | | | | | 2,300 | | | Glutrin. | 44 |
| | 4 Lo. Grv. | | | | | 1,490 | | | | 45 |
| | 4 Grv. | 3 Water | | | 0.144 | 5,840 | 1915 | 1.51 | Bit. Mac | 46 |
| | 4 Li. | 12 Li. Sc. | water | | | 9,770 | 1915 | 1.76 | 3" Bit. Mac | 47 |
| | 4 Li. | 12 So. | water | | | 9,100 | 1910 | 1.00 | Bit. Mac | 48 |
| | 4 Li. | 12 So. | water | | 0.618 | 9,300 | 1910 | 2.00 | WB. Mac | 49 |
| | 3 Lo. | 12 Li. Sc. | water | | 0.672 | 10,170 | 1910 | 4.44 | Bit. Mac | 50 |
| | 3 Lo. St. | 3 So. | water | | 0.720 | 10,440 | 1910 | 5.04 | WB. Mac | 51 |

APPENDIX A — COUNTY HIGHWAYS JANUARY

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| | West.... | 3.69 | | \$31,411 00 | \$15,705 50 | 5/31/01 | 100 | 7/23/02 | 3.69 | 12 | 24 | 25.8 |
| | West.... | 1.76 | | 13,967 96 | 6,983 98 | 5/31/01 | 100 | 8/22/02 | 1.76 | 12 | 24 | 12.3 |
| 54 | West.... | 2.65 | | 22,540 00 | 11,270 00 | 7/17/01 | 100 | 11/26/02 | 2.65 | 12-19 | 25 | 18.6 |
| 55 | Renss.... | 3.15 | | 10,684 00 | 5,342 00 | 7/16/01 | 100 | 12/18/01 | 3.15 | 16 | 16 | 16 |
| 56 | Clinton.. | 2.82 | | 18,910 09 | 9,455 00 | 6/ 7/01 | 100 | 7/ 1/02 | 2.82 | 16 | 26 | 26.4 |
| 57 | Clinton.. | 1.00 | | 7,780 00 | 3,890 00 | 6/ 7/01 | 100 | 10/29/02 | 1.00 | 16 | 26 | 9.3 |
| 58 | Saratoga | 6.06 | | 34,610 00 | 17,305 00 | 6/ 4/01 | 100 | 8/15/02 | 6.06 | 12 | 26 | 42.6 |
| 59 | Saratoga | 5.03 | | 40,532 00 | 20,266 00 | 7/27/01 | 100 | 11/18/03 | 5.03 | 16 | 22-28 | 47.3 |
| 60 | Monroe. | 3.04 | | 35,376 84 | 17,688 42 | 7/15/01 | 100 | 6/10/02 | 3.04 | 16 | 20-22 | 28.6 |
| 61 | Monroe. | 1.30 | | 14,852 47 | 7,426 24 | 7/15/01 | 100 | 12/ 3/01 | 1.30 | 16 | 22 | 13.1 |
| 62 | Monroe. | 6.24 | | 55,000 00 | 27,500 00 | 6/28/02 | 100 | 7/29/03 | 6.24 | 16 | 22 | 58.1 |
| 63 | Monroe. | 2.25 | | 19,700 00 | 9,850 00 | 7/ 2/02 | 100 | 8/ 6/03 | 2.25 | 16 | 22 | 21.1 |
| 64 | Orange.. | 1.84 | | 4,868 00 | 2,434 00 | 6/20/02 | 100 | 12/ 1/02 | 1.84 | 16 | 22 | 17.1 |
| 65 | Orange.. | 7.95 | | 35,712 20 | 17,856 10 | 6/20/02 | 100 | 8/ 5/04 | 5.96 | 12 | 26 | 43.4 |
| | | | | | | | | | 1.99 | 8 | 26 | 9.1 |
| 66 | Erie.... | 0.95 | | 11,600 00 | 5,800 00 | 6/11/02 | 100 | 7/20/03 | 0.95 | 16 | 20 | 8.1 |
| 67 | Erie.... | 3.41 | | 34,900 00 | 17,450 00 | 6/11/02 | 100 | 12/10/03 | 3.41 | 16 | 20 | 32.1 |
| 68 | Erie.... | 1.17 | | 12,728 00 | 6,364 00 | 6/11/02 | 100 | 8/10/03 | 1.17 | 16 | 24 | 10.1 |
| 69 | Erie.... | 3.42 | | 28,000 00 | 14,000 00 | 5/ 9/02 | 100 | 11/19/02 | 3.42 | 16 | 22 | 33.1 |
| *70 | Schenec.. | | | | | | | | | | | |
| *71 | Oneida.. | 5.19 | | 47,200 00 | 23,600 00 | 5/ 6/02 | 100 | 12/16/03 | 5.19 | 16 | 26 | 48.1 |
| 72 | Tomp.... | 1.87 | | 18,000 00 | 9,000 00 | 6/ 9/03 | 100 | 9/30/04 | 1.87 | 16 | 28 | 17.1 |
| 73 | Schenec.. | 1.15 | | 15,993 00 | 7,996 50 | 5/17/02 | 100 | 7/ 1/03 | 1.15 | 12-16 | 18-22 | 9.1 |
| 74 | Onond.... | 1.00 | | 11,047 64 | 5,523 82 | 6/18/02 | 100 | 1/11/05 | 1.00 | 12 | 24-28 | 7.1 |
| 75 | Onond.... | 0.78 | | 9,150 00 | 4,575 00 | 5/17/02 | 100 | 10/28/04 | 0.78 | 16 | 26 | 7.1 |
| 76 | Onond.... | 1.00 | | 8,100 00 | 4,050 00 | 5/17/02 | 100 | 12/23/02 | 1.00 | 16 | 24 | 9.1 |
| 77 | Renss.... | 1.50 | | 12,180 00 | 6,090 00 | 5/ 6/02 | 100 | 12/ 4/02 | 1.50 | 16 | 26 | 14.1 |
| 78 | Monroe. | 3.62 | | 30,996 20 | 15,498 10 | 7/ 2/02 | 100 | 8/ 6/03 | 3.62 | 16 | 22 | 34.1 |
| 79 | Monroe. | 7.58 | | 61,593 00 | 30,796 50 | 6/28/02 | 100 | 8/ 4/04 | 7.58 | 16 | 26 | 71.1 |
| 80 | Monroe. | 4.63 | | 39,000 00 | 19,500 00 | 5/20/02 | 100 | 11/17/02 | 4.63 | 16 | 22 | 44.1 |
| 81 | Monroe. | 4.06 | | 33,500 00 | 16,750 00 | 5/20/02 | 100 | 12/ 4/02 | 4.06 | 16 | 22 | 38.1 |
| *82 | Monroe. | 0.36 | | 3,280 00 | 1,640 00 | 5/20/02 | 100 | 8/15/02 | 0.36 | 16 | 25 | 3.1 |
| 83 | Monroe. | 5.09 | | 41,617 35 | 20,808 65 | 5/20/02 | 100 | 11/ 3/02 | 5.09 | 16 | 22 | 48.1 |
| 84 | Renss.... | 2.46 | | 22,259 16 | 11,129 58 | 5/12/02 | 100 | 8/ 6/03 | 2.46 | 15 | 22 | 21.1 |
| 85 | Wash.... | 0.92 | | 15,265 19 | 5,132 59 | 5/12/02 | 100 | 1/18/04 | 0.92 | 16 | 22 | 9.1 |
| 86 | Erie.... | 4.00 | | 42,500 00 | 21,250 00 | 6/11/02 | 100 | 12/10/03 | 4.00 | 16 | 25 | 37.1 |
| 87 | Erie.... | 1.93 | | 17,000 00 | 8,500 00 | 5/ 9/02 | 100 | 7/21/03 | 1.93 | 16 | 22 | 18.1 |
| 88 | Erie.... | 4.28 | | 39,205 80 | 19,602 90 | 5/ 9/02 | 100 | 7/21/03 | 4.28 | 16 | 22 | 40.1 |
| 89 | Erie.... | 4.06 | | 41,422 00 | 20,711 00 | 5/ 9/02 | 100 | 12/10/03 | 4.06 | 16 | 22 | 38.1 |
| 90 | Rock.... | 2.83 | | 23,692 00 | 11,846 00 | 5/12/02 | 100 | 11/30/03 | 2.83 | 16 | 26 | 26.1 |
| 91 | Rock.... | 3.90 | | 29,830 06 | 14,915 03 | 5/20/02 | 100 | 8/27/03 | 3.90 | 16 | 22 | 34.1 |
| 92 | Albany.. | 1.72 | | 18,510 00 | 9,255 00 | 5/12/02 | 100 | 12/13/04 | 1.72 | 16 | 26 | 11.1 |
| | | | | | | | | | 1.73 | 10.5 | 26 | 11.1 |
| 193 | Orange.. | 4.45 | | 27,885 00 | 13,942 50 | 6/20/02 | 100 | 9/17/03 | 1.53 | 10.5 | 26 | 11.1 |
| | | | | | | | | | 1.19 | 8.0 | 26 | 11.1 |
| 94 | Monroe. | 4.21 | | 35,400 00 | 17,700 00 | 6/ 9/02 | 100 | 12/12/02 | 4.21 | 14.16 | 23.25 | 3.1 |
| 95 | Orange.. | 5.86 | | 34,230 50 | 17,115 25 | 6/20/02 | 100 | 4/21/04 | 5.86 | 10.5 | 26 | 4.1 |
| 95A | Orange.. | 0.11 | | 1,900 00 | 1,233 00 | 6/20/02 | 100 | 1/ 3/17 | 0.11 | 16 | 26 | 1.1 |
| 96 | Mont.... | 0.63 | | 6,430 00 | 3,215 00 | 5/17/02 | 100 | 8/15/02 | 0.63 | 12-14 | 24 | 1.1 |
| 97 | Wash.... | 3.57 | | 26,735 60 | 13,367 80 | 5/19/02 | 100 | 12/21/03 | 3.57 | 12 | 26 | 2.1 |
| 98 | Monroe. | 1.58 | | 19,600 00 | 9,800 00 | 5/20/02 | 100 | 11/17/02 | 1.58 | 14-16 | 24 | 1.1 |
| 99 | Monroe. | 2.96 | | 32,800 00 | 16,400 00 | 6/ 3/02 | 100 | 11/ 1/02 | 2.96 | 16 | 24 | 1.1 |

* See list by counties. † Changed from original plans.

1938 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAYMENT | | | Highway No. |
|--------------------------------|-----------|-------------|-----------|-----------------|-----------------------------|-----------------------------|-----------------|-------|-------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 3 | Lo. St. | 3 | Lo. St., water | 0.636 | 10,000 | 1917 | 3.60 | F. Con. | 52 |
| Lo. St. | 4 | Lo. St. | 3 | Li. Sc., water | 0.646 | 9,460 | 1910 | 0.39 | WB. Mac. | 53 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.623 | 9,970 | 1910 | 1.37 | F. Con. | 54 |
| Grv. | 3 | Grv. | 3 | Sc., water | 0.504 | 3,400 | 1910 | 3.15 | Grv. | 55 |
| Li. | 3 | Li. | 3 | Sc., water | 0.504 | 6,710 | 1911 | 0.85 | Bit. Mac. | 56 |
| Li. | 3 | Li. | 3 | Sc., water | 0.603 | 7,780 | 1914 | 1.97 | Bit. Mac. | 57 |
| Lo. Grn. | 4 | Lo. Grn. | 2 | Grn. Sc., water | 0.515 | 6,920 | 1910 | 6.06 | Bit. Mac. | 58 |
| Tr. | 4 | Tr. | 2 | Sc., water | 0.501 | 8,060 | 1910 | 2.43 | Bit. Mac. | 59 |
| Tr. | 4 | Tr. | 2 | Li. Sc., water | 11,640 | | 1912 | 1.00 | Bit. Mac. | 60 |
| Tr. | 4 | Tr. | 2 | Li. Sc., water | 11,390 | | 1910 | 2.04 | WB. Mac. | 61 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 8,820 | | 1912 | 6.24 | Bit. Mac. | 62 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 8,740 | | 1910 | 0.78 | Brick | 63 |
| Grv. | 6 | Grv. | 3 | Water | 2,650 | | 1915 | 1.47 | MM-2 | 64 |
| Lo. St. | 3 | Lo. St. | 3 | Water | 0.167 | 4,605 | 1917 | 1.84 | 6" FCon-14" | 65 |
| Li. | 4 | Li. | 3 | Sc., water | 0.500 | 7,734 | | | | 66 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 12,180 | | 1911 | 0.95 | Brick | 67 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 10,230 | | 1911 | 3.41 | Brick | 68 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 10,880 | | 1910 | 1.17 | Brick | 69 |
| Li. | 4 | Li. | 2 | Sc., water | 8,200 | | 1910 | 2.32 | Brick | 70 |
| Li. | 4 | Li. | 2 | Sc., water | 8,200 | | 1913 | 1.10 | Brick | 71 |
| Li. | 4 | Li. | 2 | Sc., water | 8,200 | | 1915 | 1.58 | Bit. Mac. | 72 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 9,030 | | 1909 | 1.85 | Bit. Mac. | 73 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 9,630 | | 1913 | 2.29 | Bit. Mac. | 74 |
| Li. | 4 | Li. | 2 | Sc., water | 0.638 | 14,450 | 1915 | 2.06 | Bit. Mac. | 75 |
| Li. | 4 | Li. | 3 | Li. Sc., water | 0.613 | 12,460 | 1910 | 1.03 | WB. Mac. | 76 |
| Li. | 4 | Li. | 3 | Li. Sc., water | 0.759 | 11,740 | 1910 | 0.86 | WB. Mac. | 77 |
| Li. | 4 | Li. | 2 | Sc., water | 8,100 | | 1917 | 1.00 | 3" BM-10" | 78 |
| Lo. St. | 3 | Lo. St. | 3 | Lo. Sc., water | 0.627 | 8,120 | 1911 | 1.08 | Brick | 79 |
| Li. or Grn. | 4 | Li. or Grn. | 2 | Sc., water | 8,590 | | 1911 | 0.42 | 3" WB. Mac. | 80 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 8,170 | | 1910 | 3.62 | WB. Mac. | 81 |
| Grn. | 4 | Grn. | 2 | Sat. Sc., water | 8,410 | | 1909 | 3.45 | WB. Mac. | 82 |
| Lo. Grn. | 4 | Lo. Grn. | 2 | Sc., water | 8,280 | | 1910 | 2.55 | WB. Mac. | 83 |
| Grn., Li. | 4 | Grn., Li. | 2 | Sc., water | 9,010 | | 1910 | 1.51 | Bit. Mac. | 84 |
| Sy. Li. | 4 | Sy. Li. | 2 | Sc., water | 8,180 | | 1909 | 3.61 | Bit. Mac. | 85 |
| Lo. St. | 3 | Lo. St. | 3 | Lo. Sc., water | 0.636 | 9,450 | 1914 | 4.06 | Bit. Mac. | 86 |
| Li. | 3 | Li. | 3 | Sc., water | 11,180 | | 1914 | 0.74 | Roama | 87 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 10,62 | | 1915 | 3.95 | Bit. Mac. | 88 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 8,830 | | 1910 | 0.42 | Brick | 89 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 9,150 | | 1911 | 1.93 | Brick | 90 |
| Li. | 4 | Li. | 2 | Li. Sc., water | 10,200 | | 1910 | 4.28 | Bit. Mac. | 91 |
| Tr. | 4 | Tr. | 2 | Li. Sc., water | 0.621 | 8,370 | 1912 | 4.06 | Bit. Mac. | 92 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.616 | 7,650 | 1915 | 0.90 | Bit. Mac. | 93 |
| Li. | 3 | Li. | 3 | Li. Sc., water | 0.613 | 10,760 | 1915 | 3.90 | Bit. Mac. | 94 |
| Grv. | 6 | Grv. | 6 | Sc., water | 0.160 | 5,743 | 1910 | 1.72 | Bit. Mac. | 95 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.160 | 5,743 | 1914 | ..... | Sulphite | 96 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.500 | 8,935 | 1910 | 1.64 | WB. Mac. | 97 |
| Tr. | 4 | Tr. | 2 | Sc., water | 13,015 | | 1910 | 1.12 | Topeka | 98 |
| Grv. | 6 | Grv. | 6 | Asp. (10) | 0.140 | 6,165 | 1915 | 1.39 | Bit. Mac. | 99 |
| Imp. Tr. | 3 | Imp. Tr. | 3 | Asp. (10) | 1.223 | 17,290 | 1914 | 5.86 | Bit. Mac. | 100 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.692 | 11,030 | 1913 | 0.64 | Bit. Mac. | 95A |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.571 | 8,830 | 1914 | 1.21 | Bit. Mac. | 96 |
| Li. | 4 | Li. | 2 | Sc., water | 12,730 | | 1909 | 2.40 | Bit. Mac. | 97 |
| Li. | 4 | Li. | 2 | Sc., water | 11,030 | | 1910 | 1.58 | WB. Mac. | 98 |
| Li. | 4 | Li. | 2 | Sc., water | 11,030 | | 1910 | 2.96 | WB. Mac. | 99 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 100 | Monroe. | 3.40 | ..... | \$29,166 00 | \$14,583 00 | 7/ 1/02 | 100 | 11/30/03 | 3.40 | 16 | 22 | 36.54 |
| 101 | Monroe. | 2.88 | ..... | 23,374 70 | 11,687 35 | 7/ 1/02 | 100 | 9/20/04 | 2.88 | 16 | 22 | 27.02 |
| 102 | Renss. | 2.03 | ..... | 24,015 00 | 12,007 50 | 5/26/02 | 100 | 10/28/04 | 2.06 | 112-14 | 18, 26 | 14.32 |
| 103 | Wash. | 1.31 | ..... | 10,143 00 | 5,071 50 | 5/ 7/02 | 100 | 11/19/02 | 1.31 | 16 | 23 | 12.26 |
| 104 | Wash. | 1.25 | ..... | 10,850 00 | 5,425 00 | 5/12/02 | 100 | 10/ 9/02 | 1.25 | 16 | 28 | 11.70 |
| 105 | Scho rec | 0.35 | ..... | 2,460 00 | 1,230 00 | 5/19/03 | 100 | 12/12/02 | 0.35 | 16-14 | 22, 26 | 2.90 |
| 106 | Scho rec | 0.13 | ..... | 1,225 00 | 612 50 | 5/19/02 | 100 | 12/12/02 | 0.13 | 16 | 28 | 1.24 |
| 107 | Mont. | 3.04 | ..... | 36,545 00 | 18,272 50 | 4/11/04 | 100 | 9/12/04 | 3.04 | 14-10 | 17-22 | 33.72 |
| 108 | Mont. | 3.25 | ..... | 31,293 85 | 17,146 91 | 5/12/03 | 100 | 9/12/04 | 3.25 | 14-10 | 14-26 | 30.16 |
| 109 | Fulton. | 2.30 | ..... | 17,681 54 | 8,840 77 | 5/20/02 | 100 | 9/20/04 | 2.30 | 14 | 20 | 18.87 |
| 110 | Fulton. | 2.25 | ..... | 17,316 50 | 8,658 25 | 5/20/02 | 100 | 11/30/03 | 2.25 | 14 | 24 | 18.48 |
| 111 | Cort. | 0.75 | ..... | 6,100 00 | 3,050 00 | 5/23/02 | 100 | 10/11/03 | 0.75 | 12 | 20 | 5.28 |
| 112 | Chem. | 4.84 | ..... | 42,900 00 | 20,450 00 | 8/ 6/03 | 100 | 8/ 6/03 | 4.84 | 12 | 20 | 34.08 |
| 113 | Orange. | 2.29 | ..... | 23,093 14 | 11,846 57 | 6/20/02 | 100 | 12/28/06 | 2.29 | 12, 16 | 22 | 17.44 |
| 114 | Orange. | 1.21 | ..... | 4,106 80 | 2,053 40 | 6/20/02 | 100 | 9/17/03 | 1.21 | 10, 5 | 16 | 8.53 |
| 115 | Orange. | 2.51 | ..... | 31,117 00 | 12,930 00 | 6/20/02 | 100 | 12/28/06 | 2.51 | 16 | 24 | 23.5 |
| *116A | Ulster... | 4.14 | ..... | 44,065 00 | 22,032 50 | 5/ 9/02 | 100 | 11/30/03 | 3.57 | 14 | 18-20 | 4.51 |
| 116B | Ulster... | 0.84 | ..... | 8,635 00 | 4,317 50 | 5/19/02 | 100 | 7/15/03 | 0.57 | 14 | 18-20 | 29.2 |
| 117 | Ulster... | 5.09 | ..... | 55,100 00 | 27,550 00 | 5/15/02 | 100 | 8/ 4/04 | 0.84 | 14 | 18-20 | 7.2 |
| 118 | Ulster... | 4.00 | ..... | 34,787 00 | 17,378 50 | 5/20/02 | 100 | 12/21/03 | 5.09 | 12-14 | 20-22 | 41.4 |
| 119 | Albany. | 3.92 | ..... | 37,500 00 | 18,750 00 | 7/25/02 | 100 | 12/14/03 | 4.00 | 14 | 20 | 33.1 |
| 120 | Albany. | 3.92 | ..... | 37,500 00 | 18,750 00 | 7/25/02 | 100 | 12/14/03 | 3.92 | 16 | 22 | 36.8 |
| 121 | Mont. | 4.14 | ..... | 36,546 70 | 18,273 35 | 5/27/02 | 100 | 7/21/03 | 4.14 | 14 | 24 | 33.9 |
| 122 | Onond. | 1.16 | ..... | 10,050 00 | 5,025 00 | 5/17/02 | 100 | 12/23/02 | 1.16 | 14 | 22 | 10.8 |
| 123 | Onond. | 1.00 | ..... | 4,000 00 | 2,000 00 | 6/18/02 | 100 | 10/28/04 | 1.00 | 16 | 24 | 9.4 |
| 124 | Cort. | 1.23 | ..... | 8,492 33 | 4,246 17 | 5/29/02 | 100 | 1/19/03 | 1.23 | 12 | 20 | 8.6 |
| 125 | Albany. | 1.84 | ..... | 14,412 06 | 7,206 03 | 5/ 9/02 | 100 | 12/23/02 | 1.84 | 14 | 20 | 15.1 |
| 126 | Broome. | 2.93 | ..... | 28,900 00 | 14,400 00 | 7/ 2/02 | 100 | 8/ 6/03 | 2.93 | 16 | 22-24 | 27.5 |
| 126 | Broome. | 1.95 | ..... | 19,260 88 | 9,630 44 | 7/28/03 | 100 | 1/11/05 | 1.95 | 12-16 | 24-26 | 16.1 |
| 127 | Broome. | 2.06 | ..... | 24,532 71 | 12,266 36 | 7/28/03 | 100 | 8/17/04 | 2.06 | 16 | 26 | 19.1 |
| 128 | Erie. | 5.57 | ..... | 53,567 13 | 26,783 57 | 7/ 6/03 | 100 | 5/23/05 | 5.57 | 16 | 22-30 | 52.1 |
| 129 | Erie. | 3.02 | ..... | 26,013 00 | 13,006 50 | 6/22/03 | 100 | 8/17/04 | 3.02 | 16 | 22 | 28.1 |
| 130 | Erie. | 5.62 | ..... | 33,181 08 | 19,090 54 | 7/10/03 | 100 | 5/23/05 | 5.62 | 16 | 22-30 | 54.1 |
| 131 | Erie. | 6.58 | ..... | 50,739 61 | 25,369 81 | 7/10/03 | 100 | 9/ 6/05 | 6.58 | 16 | 22 | 59.1 |
| 132 | Onond. | 1.13 | ..... | 9,600 00 | 4,800 00 | 7/30/03 | 100 | 10/28/04 | 1.13 | 16 | 26 | 10.1 |
| 133 | Herk. | 2.29 | ..... | 19,504 65 | 9,752 32 | 6/10/03 | 100 | 12/23/03 | 2.29 | 14 | 24 | 18.1 |
| 134 | Herk. | 2.17 | ..... | 21,716 20 | 10,858 10 | 7/29/03 | 100 | 5/24/05 | 2.17 | 12, 16 | 24, 26 | 19.1 |
| 135 | Dutch. | 3.34 | ..... | 31,801 91 | 15,900 96 | 6/ 9/03 | 100 | 8/ 4/04 | 3.34 | 14 | 24 | 27.1 |
| 136 | Clinton. | 1.75 | ..... | 14,013 00 | 7,006 50 | 6/23/03 | 100 | 11/30/03 | 1.75 | 16 | 25 8 | 16 |
| 137 | Clinton. | 4.52 | ..... | 36,010 36 | 18,005 18 | 6/16/03 | 100 | 10/28/04 | 4.52 | 16 | 25 6 | 42 |
| 138 | Clinton. | 7.57 | ..... | *64,786 89 | 32,393 45 | 6/16/03 | 100 | 10/24/05 | 7.57 | 14-16 | 24-26 | 63 |
| 139 | Oneida. | 1.25 | ..... | 10,499 39 | 5,249 70 | 6/24/03 | 100 | 9/ 6/05 | 1.25 | 12, 16 | 24, 26 | 8 |
| 140 | Oneida. | 2.29 | ..... | 15,600 00 | 7,800 00 | 10/ 9/03 | 100 | 8/ 4/04 | 2.29 | 12, 16 | 24, 26 | 18 |
| 141 | Ulster... | 6.78 | ..... | 63,826 96 | 31,913 48 | 6/16/03 | 100 | 9/13/05 | 6.20 | 12, 14 | 24 | 45.1 |
| 142 | Ulster... | 2.85 | ..... | 39,317 12 | 19,658 56 | 6/18/03 | 100 | 1/11/05 | 0.33 | 12 | 24 | 1 |
| 143 | West.... | 3.14 | ..... | 30,430 00 | 15,215 00 | 6/15/03 | 100 | 12/21/03 | 0.25 | 12 | 24 | 1 |
| 144 | West.... | 5.23 | ..... | 47,333 07 | 23,666 54 | 7/19/03 | 100 | 6/12/05 | 1.82 | 14 | 26 | 1.1 |
| 145 | Dela.... | 1.00 | ..... | 6,240 00 | 3,120 00 | 7/23/03 | 100 | 7/26/04 | 1.03 | 12 | 24 | 2.1 |
| 146 | Ontario. | 5.62 | ..... | 40,626 79 | 20,313 40 | 6/15/03 | 100 | 8/ 4/04 | 5.23 | 12-14 | 24 | 3.1 |
| | | | | | | | | | 1.00 | 16 | 22-26 | 3.1 |

* See list by counties. † Changed from original plans. ‡ Including \$3,505.88 spent under 108A for culvert. State paid one-half. § Including \$8,608.04 spent under 138A for patching. State paid one-half.

1898 TO DECEMBER 31, 1918—(Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|-------------|-----------|----------------|-----------------------------|-----------------------------|------------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sat. | 4 | Grn. | 2 | Sc., water | | 8,580 | 1916 | 0.34 | Brick | 100 |
| Sat. | 4 | Grn. | 2 | Sc., water | | 8,120 | 1917 | 1.50 | 2 1/2" MM-2. | |
| Tr. | 3 | Tr. | 3 | Li. Sc., water | 0.749 | 13,330 | 1917 | 1.56 | 1 1/2" Bit. Mac. | |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.606 | 7,740 | 1916 | 0.50 | Brick | |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.617 | 8,680 | 1910 | 1.25 | Bit. Mac. | 101 |
| Li. | 3 | Li. | 3 | Li. Sc., water | 0.643 | 7,050 | | | Oiled | 102 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.673 | 9,280 | 1908 | 0.13 | WB. Mac. | 103 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.621 | 10,295 | 1916 | 3.64 | 3" WB. Mac. | 104 |
| Li. | 4 | Tr. | 2 | Li. Sc., water | 0.673 | 10,660 | 1910 | 2.55 | Bit. Mac. | 105 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.647 | 8,770 | 1912 | 2.30 | Bit. Mac. | 106 |
| Fld. | 3 | Fld. | 3 | Sc., water | 0.640 | 8,538 | | | | 107 |
| Lo. Sat. | 4 | Tr. | 2 | Sc., water | | 8,130 | | | | 108 |
| App. St. | 4 | Tr. | 2 | Sc., water | | 8,450 | 1910 | 4.84 | WB. CO | 109 |
| Lo. Fld. | 3 | Lo. Fld. | 3 | Sc., water | | 10,340 | 1916 | 2.29 | 2 1/2" Bit. Mac. | 110 |
| | | Sh. | 6 | | 0.127 | 3,680 | | | Sulphite | 111 |
| | | Grv. | 6 | Water | 0.157 | 12,645 | 1915 | 0.70 | Bit. Mac. | 112 |
| | | | | | | | 1917 | 1.81 | FCon | 113 |
| Tr. | 4 | Tr. | 2 | Sc., water | 0.712 | 12,770 | 1909 | 2.67 | WB. Mac. | 114 |
| Lo. | 4 | Tr. | 2 | Sc., water | 0.667 | 12,350 | 1910 | 1.47 | Bit. Mac. | 115 |
| Tr. | 4 | Tr. | 2 | Sc., water | 0.663 | 12,393 | 1910 | 0.87 | Bit. Mac. | 116 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.567 | 11,540 | | | HO | 117 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.562 | 9,320 | 1910 | 2.20 | Bit. Mac. | 118 |
| Sat. | 3 | Sat. | 3 | Sc., water | 0.687 | 9,570 | 1917 | 0.83 | 3" Bit. Mac. | 119 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.614 | 9,665 | 1910 | 1.66 | Bit. Mac. | 120 |
| Lo. St. | 4 | Li. | 2 | Sc., water | | 8,660 | 1912 | 2.26 | FCon | 121 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.647 | 9,500 | 1914 | 4.14 | Bit. Mac. | 122 |
| Lo. St. | 4 | Li. | 2 | Sc., water | | 6,900 | | | Oiled | 123 |
| Lo. St. | 3 | Lo. St. | 3 | Lo. Sc., water | 0.590 | 8,570 | 1910 | 1.16 | WB. Mac. | 124 |
| Lo. St. | 4 | Tr. | 2 | Sc., water | | 9,830 | 1915 | 2.46 | Bit. Mac. | 125 |
| Lo. St. | 4 | Li. Tr. | 2 | Li. Sc., water | 0.777 | 10,220 | 1917 | 0.48 | 4" Scon 2" Fcon | 126 |
| Lo. St. | 4 | Tr. | 2 | Sc., water | | 11,910 | 1914 | 1.97 | 3" Bit. Mac. | 127 |
| Fld. | 4 | Li. | 2 | Sc., water | 0.769 | 9,618 | 1909 | 2.06 | Bit. Mac. | 128 |
| Li. Sat. | 4 | Tr. | 2 | Li. Sc., water | | 8,630 | 1917 | 5.87 | Brick | 129 |
| | | | | | | | 1917 | 1.90 | 6" FCon | 130 |
| Li. | 4 | Li. | 2 | Sc., water | 0.690 | 6,790 | 1917 | 1.12 | FCon | 131 |
| | | | | | | | 1912 | 2.00 | Brick | 132 |
| | | | | | | | 1914 | 3.6" | Concrete | 133 |
| Li. | 4 | Li. | 2 | Li. Sc., water | | 7,710 | 1910 | 0.40 | Bit. Mac. | 134 |
| | | | | | | | 1915 | 3.15 | Bit. Mac. | 135 |
| Li. | 4 | Tr. | 2 | Sc., water | 0.645 | 8,490 | 1915 | 3.03 | Amiesite | 136 |
| Lo. St. | 4 | Lo. St. | 3 | Sc., water | 0.535 | 8,340 | 1912 | 1.13 | Bit. Mac. | 137 |
| Lo. St. | 4 | Tr. | 2 | Li. Sc., water | 0.666 | 10,290 | | | Oiled | 138 |
| Lo. St. | 4 | Tr. | 2 | Sc., water | 0.830 | 10,595 | | | Oiled | 139 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.614 | 8,010 | | | Oiled | 140 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.575 | 7,970 | 1910 | 3.30 | Bit. Mac. | 141 |
| Lo. St. | 3 | Lo. St. | 3 | Sn. Sc., water | 0.693 | 9,380 | 1910 | 1.22 | Oiled | 142 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.645 | 10,035 | 1910 | 4.00 | Bit. Mac. | 143 |
| Lo. St. | 4 | App. St. | 2 | Sn. Sc., water | | 6,810 | | | Oiled | 144 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.757 | 10,970 | 1915 | 1.04 | Bit. Mac. | 145 |
| Lo. St. | 5 | Lo. St. | 3 | Sc., water | 0.958 | 12,850 | 1916 | 0.11 | 2" Bit. Mac. | 146 |
| Lo. St. | 6 | Lo. St. | 3 | Sc., water | 1.119 | 14,360 | 1917 | 0.38 | Bit. Mac. | 147 |
| Lo. St. | 6 | Tr. | 3 | Sc., water | 0.939 | 15,860 | 1910 | 0.74 | MM-2. | 148 |
| Lo. St. | 3 | Tr. | 3 | Sc., water | 0.597 | 12,730 | 1915 | 1.82 | 3" x 3" B. M. | 149 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.666 | 11,270 | 1915 | 1.01 | 3" B. M. on C. | 150 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.666 | 11,270 | 1910 | 3.13 | Bit. Mac. | 151 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.581 | 10,290 | 1910 | 5.23 | Bit. Mac. | 152 |
| Grv. | 4 | Grv. | 2 | | | 6,240 | 1910 | 1.00 | Bit. Mac. | 153 |
| | | | | | | | 1909 | 2.64 | Bit. Mac. | 154 |
| Li. or Grn. | 4 | Li. or Grn. | 2 | Li. Sc., water | | 7,220 | 1917 | 1.57 | Bit. Mac. | 155 |
| | | | | | | | 1914 | 1.42 | Concrete | 156 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 189 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 147 | Jeff. | 3.92 | | \$26,700 00 | \$13,350 00 | 8/ 7/03 | 100 | 10/28/04 | 3.92 | 12, 14 | 14, 24 | 28, 016 |
| 148 | West. | 3.48 | | \$34,272 91 | 17,136 45 | 6/16/03 | 100 | 8/ 4/05 | 3.06 0.42 | 12 12 | 24 24 | 21,582 2,933 |
| 149 | West. | 6.62 | | 51,232 71 | 25,616 36 | 6/16/03 | 100 | 10/28/04 | 6.62 | 12 | 20 | 46,824 |
| 150 | West. | 3.27 | | \$36,017 17 | 18,008 59 | 6/14/03 | 100 | 12/21/07 | 3.27 | 12, 14 | 24 | 22,956 |
| 151 | West. | 5.99 | | 62,104 62 | 31,052 31 | 6/19/03 | 100 | 12/26/07 | 5.99 | 12 | 24 | 42,016 |
| 152 | Mont. | 2.56 | | \$22,600 00 | 11,300 00 | 6/20/03 | 100 | 10/29/04 | 2.50 | 10, 16 | 26 | 23,467 |
| 153 | Orange. | 13.36 | | 94,438 00 | 47,219 00 | 6/24/03 | 100 | 6/20/06 | 8.18 5.18 | 12 12 | 24 24 | 57,562 36,456 |
| 154 | Orange. | | | 57,001 94 | 28,500 97 | 6/24/03 | 100 | 10/15/14 | 11.25 | 12 | 24 | 79,158 |
| 154A | Orange. | | | 28,963 80 | 14,481 90 | 7/20/06 | 100 | 10/15/07 | 11.34 | 12 | 24 | 79,855 |
| 154 | Oran. | 11.34 | | 85,965 74 | 42,982 87 | | 100 | | 11.34 | 12 | 24 | 79,855 |
| 154A | | | | | | | | | | | | |
| 154B | Orange. | 0.17 | | 16,192 00 | 4,048 00 | 1/20/08 | 100 | 10/—/08 | 0.17 | 16 | 26 | 1,600 |
| 155 | Mont. | 2.49 | | 24,016 77 | 12,008 39 | 6/20/03 | 100 | 10/28/04 | 2.49 | 16 | 26 | 23,404 |
| 156 | Orange. | 3.04 | | 26,223 62 | 13,111 81 | 7/15/04 | 100 | 12/14/06 | 3.04 | 14 | 22 | 24,962 |
| 157 | Orange. | 3.48 | | 22,300 00 | 11,150 00 | 7/20/06 | 100 | 1/ 3/08 | 3.48 | 11 | 22 | 24,320 |
| 158 | Mont. | 0.70 | | 7,565 00 | 3,782 50 | 9/ 1/06 | 100 | 11/ 8/07 | 0.70 | 14 | 28 | 5,734 |
| 159 | Orange. | 3.49 | | 15,845 90 | 7,922 95 | 6/15/04 | 100 | 9/13/05 | 2.11 | 15 | 26 | 19,179 |
| | | | | | | | | | 1.38 | 15 | 26 | 12,167 |
| 160 | Orange. | 8.38 | | 50,879 44 | 25,439 72 | 6/18/04 | 100 | 12/19/06 | 4.96 3.42 | 14 14 | 22 22 | 40,750 28,082 |
| 161 | Orange. | 8.61 | | 75,825 50 | 37,912 75 | 6/18/04 | 100 | 1/ 3/08 | 7.30 1.31 | 12 14 | 24 24 | 51,408 10,768 |
| 162 | Otsego. | 1.39 | | 11,860 57 | 5,930 29 | 6/ 9/04 | 100 | 9/13/05 | 1.39 | 14 | 24 | 11,413 |
| 163 | Schenec. | 1.71 | | 14,907 00 | 7,453 50 | 6/17/04 | 100 | 10/28/04 | 1.71 | 16 | 26 | 15,936 |
| 164 | Dela. | | | | | | | | | | | |
| 165 | Monroe. | 2.06 | | 14,972 33 | 7,486 19 | 6/14/04 | 100 | 7/15/05 | 2.06 | 16 | 24 | 19,980 |
| 166 | Monroe. | 3.64 | | \$29,500 01 | 14,550 01 | 6/17/04 | 100 | 12/17/06 | 3.40 0.24 | 16 14 | 26 20 | 31,850 1,984 |
| 177 | Monroe. | 5.31 | | \$33,070 45 | 16,535 22 | 6/17/04 | 100 | 10/11/05 | 4.74 0.57 | 12-16 14 | 22-28 16 | 34,032 4,692 |
| 168 | Monroe. | 3.32 | | 34,800 00 | 17,400 00 | 6/17/04 | 100 | 7/14/05 | 2.57 0.75 | 14-16 15, 16 | 20-26 22-26 | 23,797 6,693 |
| 169 | Monroe. | 4.02 | | 21,012 75 | 10,506 38 | 6/18/04 | 100 | 12/18/06 | 4.02 | 12 | 18 | 29,070 |
| 170 | Monroe. | 2.88 | | 15,374 36 | 7,687 18 | 6/17/04 | 100 | 6/20/06 | 2.88 | 12 | 18 | 20,686 |
| 171 | Monroe. | 2.00 | | 14,398 92 | 7,199 46 | 6/14/04 | 100 | 11/ 3/04 | 2.00 | 16 | 24 | 19,404 |
| 172 | Monroe. | 6.71 | | 7,391 20 | 3,695 60 | 10/15/04 | 100 | 7/16/06 | 0.71 | 16 | 40 | 6,750 |
| 173 | Monroe. | 1.00 | | 9,069 86 | 4,534 93 | 10/15/04 | 100 | 6/20/05 | 1.00 | 16 | 28 | 9,243 |
| 174 | Broome. | 2.17 | | 22,500 00 | 11,250 00 | 6/16/04 | 100 | 12/ 5/06 | 2.17 | 16 | 24-28 | 20,320 |
| 175 | Broome. | 1.83 | | 13,492 10 | 6,746 05 | 6/16/04 | 100 | 6/20/06 | 1.83 | 12 | 18 | 12,887 |
| 176 | Albany. | 2.31 | | 22,978 44 | 11,489 22 | 7/26/04 | 100 | 6/20/06 | 2.31 | 13-16 | 19-32 | 21,591 |
| 177 | Albany. | 5.00 | | 46,962 70 | 23,481 35 | 6/ 9/04 | 100 | 6/20/06 | 5.00 | 14, 16 | 24-26 | 45,612 |
| 178 | Albany. | 7.36 | | \$93,400 00 | 48,200 00 | 6/ 8/04 | 100 | 12/31/06 | 7.36 | 12 | 26 | 51,795 |
| 179 | Schenec. | 2.36 | | 30,930 03 | 15,465 02 | 6/17/04 | 100 | 6/20/06 | 2.36 | 16 | 22 | 22,025 |
| 180 | Mont. | 2.82 | | \$27,100 00 | 13,550 00 | 6/17/01 | 100 | 8/28/05 | 2.82 | 16 | 25 | 26,406 |

* See list by counties. † Changed from original plans.

1 Including \$162.38 spent under 166A for patching. \$81.19 paid by State.

2 Including \$4,300.00 spent under 150A for patching. \$2,150.00 paid by State.

3 Including \$3,094.45 spent under 178A for maintenance stone etc. One half paid by State.

1938 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|-------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|--------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 4 | Lo. St. | 2 | Sc. water | 0.553 | 8,230 | 1912 | 8.28 | Bit. Mac. | 147 |
| | 3 | Lo. & 3a | 4 | Sc. water | 0.679 | 11,440 | 1913 | 0.64 | Brick | 148 |
| | 5 | Lo. & 3a | 4 | Sc. water | 0.890 | 13,420 | 1909 | 1.20 | W. B. | |
| | | | | | | | 1910 | 2.28 | Bit. Mac. | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.625 | 9,190 | 1914 | 4.00 | WB. Mac. | 149 |
| | | | | | | | 1909 | 4.09 | WB. Mac. | 150 |
| | | | | | | | 1910 | 2.12 | Bit. Mac. | |
| | | | | | | | 1911 | 3.27 | Bit. Mac. | |
| | 3 | Li. | 2 | Sc. water | 0.703 | 12,975 | | | Oiled | 151 |
| | 3 | Lo. St. | 2 | Lo. Sc. water | 0.540 | 11,660 | | | Oiled | 151 |
| | 3 | Lo. St. | 2 | Sc. water | 0.651 | 9,038 | 1907 | 2.50 | WB. Mac. | 152 |
| | 4 | Grv. or Sh. | 2 | Sc. water | 0.186 | 6,400 | | | Oiled | 153 |
| | 4 | Li. | 2 | Sc. water | 0.676 | 11,000 | | | Oiled | 153 |
| | 6 | Lo. St. | 3 | Sc. water | 0.193 | 5,720 | | | | 154 |
| | 6 | Lo. St. | 3 | Sc. water | 0.277 | 3,215 | | | | 154A |
| | | | | | 0.470 | 8,926 | | | | 154 |
| | | Grv. Sh. | 6 | Sc. water | 0.400 | 43,175 | | | | 154A |
| | 3 | Lo. St. | 3 | Sc. water | 0.565 | 9,641 | | | | 154B |
| | | Grv. | Av. 5 | Sc. water | 0.140 | 9,690 | 1917 | 3.01 | Oiled | 155 |
| | | Grv. | Av. 5 | Sc. water | 0.206 | 6,810 | | | FCOn. | 156 |
| | 3 | Lo. St. | 3 | Sc. water | 0.866 | 11,588 | 1913 | 0.70 | Oiled | 157 |
| | | | | | | | | | Bit. Mac. | 158 |
| | | Grv. | 3 | Water | 0.110 | 4,160 | | | Oiled | 159 |
| | | | | | | | | | Oiled | 160 |
| | | | | | | | | | Oiled | |
| | | | | | | | | | Oiled | |
| | 3 | Lo. St. | 3 | Sc. water | 0.264 | 7,030 | | | Oiled | 161 |
| | 3 | Sh. | 3 | Sc. water | 0.705 | 10,950 | | | Oiled | 161 |
| | 3 | Lo. St. | 3 | Sc. water | 0.343 | 7,550 | | | Oiled | |
| | 3 | Lo. St. | 3 | Li. Sc. water | 0.669 | 9,310 | 1909 | 1.39 | WB. Oiled | |
| | 3 | Li. | 3 | Sc. water | 0.626 | 8,720 | 1910 | 1.71 | WB. Oiled | 162 |
| | | | | | | | | | | 163 |
| | 4 | Grv. | 3 | Sc. water | 0.556 | 7,280 | | | Oiled | 164 |
| | 4 | Lo. St. | 2 | Sc. water | 0.550 | 7,910 | 1912 | 1.00 | Bit. Mac. | 165 |
| | 4 | Lo. St. | 2 | Sc. water | 0.630 | 8,665 | 1913 | 2.64 | WB. Mac. | 166 |
| | 4 | Lo. St. | 2 | Sc. water | 0.547 | 7,430 | 1916 | 1.76 | 3" WB. Mac. | 167 |
| | 4 | Lo. St. | 2 | Sc. water | 0.624 | 8,150 | | | | 168 |
| | 4 | Lo. Li. | 2 | Sc. water | 0.570 | 10,290 | 1909 | 2.06 | WB. Mac. | |
| | 4 | Lo. Li. | 2 | Sc. water | 0.655 | 11,090 | 1910 | 1.26 | WB. Mac. | |
| | 4 | Li. | 2 | Sc. water | 0.484 | 6,750 | 1910 | 4.02 | WB. Mac. | 169 |
| | 4 | Li. | 2 | Sc. water | 0.500 | 6,970 | | | Oiled | 170 |
| | 4 | Lo. Li. | 2 | Li. Sc. water | 0.521 | 7,200 | 1910 | 2.00 | Bit. Mac. | 171 |
| | 4 | Li. | 2 | Sc. water | 0.714 | 9,635 | 1915 | 0.71 | Brick | 172 |
| | 4 | Li. | 2 | Sc. water | 0.782 | 9,115 | 1910 | 1.00 | Bit. Mac. | 173 |
| | 4 | Tr. | 2 | Sc. water | 0.746 | 10,370 | 1915 | 1.22 | Bit. Mac. | 174 |
| | 4 | Tr. | 2 | Li. Sc. water | 0.639 | 9,830 | 1915 | 1.25 | Bit. Mac. | 175 |
| | 3 | Li. | 3 | Tr. Li. Sc. wat. | 0.631 | 9,730 | 1911 | 0.34 | Bit. Mac. | 176 |
| | | | | | | | 1914 | 1.98 | Brick | 177 |
| | | | | | | | 1912 | 5.00 | WB. Oiled | |
| | | | | | | | 1917 | 1.30 | WB. Mac. | |
| | | | | | | | 1917 | 2.56 | Bit. Mac. | 178 |
| | | | | | | | 1916 | 0.29 | Oiled | |
| | | | | | | | 1916 | 7.31 | 3" WB. Oiled | |
| | 3 | Li. | 3 | Sc. water | 0.739 | 14,420 | 1916 | 7.31 | 3" WB. Oiled | 178 |
| | 3 | Li. | 3 | Tr. Sc. water | 0.865 | 12,860 | 1913 | 0.57 | Brick | 179 |
| | | | | | | | 1914 | 1.79 | Concrete | 180 |
| | | | | | | | 1912 | 2.82 | Bit. Mac. | |
| | 3 | Lo. St. | 3 | Sc. water | 0.625 | 9,635 | | | | |

Patching \$719.57 spent under 149A for patching. One half paid by State.
 Patching \$3,250.00 spent under 152A for patching etc. One half paid by State.
 Patching \$67,145 spent under 167A for patching. One half paid by State.
 Patching \$924.97 spent under 181A for patching. One half paid by State.

APPENDIX A — COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation.

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 181 | Jeff..... | 6.04 | | \$47,848 30 | \$23,924 15 | 7/16/04 | 100 | 9/13/05 | 4.37 | 12 | 26 | 30,71 |
| 182 | Jeff..... | 2.97 | | 30,645 57 | 15,322 79 | 7/14/04 | 100 | 7/16/06 | 1.67 | 12 | 26 | 11,77 |
| 183 | Jeff..... | 3.02 | | 21,900 00 | 10,950 00 | 6/18/04 | 100 | 9/13/05 | 2.97 | 12 | 24 | 20,81 |
| 184 | Jeff..... | 2.95 | | 21,321 45 | 10,660 73 | 6/16/04 | 100 | 9/13/05 | 3.02 | 12 | 26 | 21,29 |
| 185 | Jeff..... | 1.00 | | \$10,079 15 | 5,039 58 | 6/16/04 | 100 | 1/11/07 | 2.95 | 12 | 26 | 20,81 |
| 186 | Jeff..... | 0.99 | | 6,830 09 | 3,400 00 | 10/19/04 | 100 | 6/20/06 | 1.00 | 12-16 | 26 | 7,00 |
| 187 | Ontario.. | 1.72 | | 15,517 26 | 7,758 63 | 6/11/04 | 100 | 6/12/05 | 0.99 | 12-16 | 26 | 8,20 |
| 188 | Ontario.. | 4.83 | | \$39,409 56 | 19,749 78 | 7/14/04 | 100 | 12/ 7/06 | 1.72 | 12, 16 | 24-28 | 13,80 |
| 189 | Ontario.. | 1.29 | | 11,092 66 | 5,546 33 | 6/10/04 | 100 | 6/20/06 | 4.83 | 12 | 20 | 33,90 |
| 190 | Ontario.. | 2.37 | | \$18,700 00 | 9,350 00 | 6/10/04 | 100 | 12/ 7/06 | 1.29 | 12 | 20 | 9,10 |
| 191 | Ontario.. | 4.53 | | \$38,662 82 | 19,331 41 | 6/17/04 | 100 | 12/17/06 | 2.37 | 12 | 24 | 16,00 |
| 192 | Albany... | 3.54 | | 38,318 75 | 19,159 37 | 6/ 9/04 | 100 | 7/16/06 | 4.53 | 12 | 18 | 31,50 |
| 193 | Albany... | 8.11 | | \$84,314 92 | 42,157 46 | 6/11/04 | 100 | 12/ 5/06 | 3.54 | 14, 16 | 24 | 28,70 |
| 194 | Renss... | 1.49 | | 15,042 55 | 7,521 28 | 6/10/04 | 100 | 9/21/05 | 8.11 | 14, 16 | 26 | 73,40 |
| 195 | Renss... | 4.01 | | \$3,773 72 | 19,386 85 | 1/23/04 | 100 | 12/ 5/06 | 1.49 | 14 | 24 | 12,00 |
| 196 | Renss... | 3.02 | | \$16,521 70 | 8,260 85 | 6/23/04 | 100 | 12/ 5/06 | 4.01 | 14 | 24 | 33,00 |
| 197 | Renss... | 3.33 | | 33,440 95 | 16,720 48 | 6/13/04 | 100 | 8/25/05 | 3.02 | 16 | 21 | 25,00 |
| 198 | Albany... | 6.53 | | 71,100 00 | 35,550 00 | 6/ 9/04 | 100 | 12/ 5/06 | 3.33 | 12, 16 | 24 | 27,00 |
| 199 | Albany... | 7.87 | | 66,730 33 | 33,365 17 | 6/ 9/04 | 100 | 6/20/06 | 4.29 | 12, 16 | 22 | 33,00 |
| 200 | Renss... | 2.75 | | 26,244 31 | 13,122 16 | 7/12/04 | 100 | 9/13/05 | 2.24 | 12 | 22 | 15,00 |
| 201 | Renss... | 3.60 | | \$33,450 00 | 16,725 00 | 6/13/04 | 100 | 1/8/07 | 7.87 | 14-20 | 24 | 25,00 |
| 202 | Renss... | 5.42 | | \$54,503 01 | 27,203 01 | 6/20/04 | 100 | 7/21/06 | 3.60 | 14-16 | 24 | 30,00 |
| 203 | Ontario.. | 2.18 | | \$20,090 29 | 10,045 15 | 6/10/04 | 100 | 6/20/06 | 5.42 | 16 | 30 | 50,00 |
| 204 | Ontario.. | 0.59 | | 5,348 84 | 2,674 42 | 7/11/04 | 100 | 9/13/05 | 2.18 | 12, 16 | 20-24 | 16,00 |
| 205 | Ont. Ya. | 3.45 | | 39,000 00 | 19,500 00 | 6/16/04 | 100 | 6/20/06 | 0.59 | 12 | 20 | 4,00 |
| 206 | Ontario.. | 2.67 | | 20,646 70 | 10,323 35 | 7/10/06 | 100 | 9/18/07 | 3.45 | 12 | 22 | 24,00 |
| 207 | Ontario.. | 6.21 | | 52,432 38 | 26,216 19 | 7/14/04 | 100 | 12/ 4/06 | 2.67 | 12 | 20 | 19,00 |
| 208 | Cort.... | 0.53 | | 8,450 00 | 4,225 00 | 12/31/06 | 100 | 6/15/08 | 6.21 | 14 | 24 | 56,00 |
| 209 | Broome... | 0.94 | | 7,539 68 | 3,769 84 | 6/16/04 | 100 | 6/20/06 | 0.53 | 16-20 | 28-35 | 6,00 |
| 210 | Broome... | 0.82 | | 11,281 63 | 5,640 82 | 6/16/04 | 100 | 10/19/05 | 0.94 | 16 | 24, 28 | 8,00 |
| 211 | Broome... | 0.57 | | 4,639 71 | 2,319 86 | 6/16/04 | 100 | 7/30/07 | 0.82 | 16-20 | 23, 28 | 4,00 |
| 212 | Broome... | 1.00 | | 8,987 86 | 4,493 93 | 6/16/04 | 100 | 7/30/07 | 0.57 | 12, 14 | 24 | 4,00 |
| 213 | Broome... | 2.83 | | 31,144 44 | 15,572 22 | 6/16/04 | 100 | 12/ 5/06 | 1.00 | 12, 14 | 24 | 24,00 |
| 214 | Broome... | 1.86 | | 15,911 77 | 7,955 89 | 6/16/04 | 100 | 12/ 5/06 | 2.83 | 16 | 28 | 24,00 |
| 215 | Cort.... | 1.99 | | 15,412 00 | 7,706 00 | 6/13/04 | 100 | 9/13/05 | 1.86 | 12 | 28 | 16,00 |
| 216 | Delaware | 0.95 | | 10,787 29 | 5,393 65 | 7/14/04 | 100 | 9/22/05 | 1.99 | 16 | 28 | 16,00 |
| 217 | Delaware | 1.00 | | 9,569 47 | 4,784 74 | 7/14/04 | 100 | 9/27/05 | 0.95 | 14-30 | 18, 35 | 16,00 |
| 218 | Chen.... | 4.68 | | 37,700 00 | 18,850 00 | 7/30/04 | 100 | 6/20/06 | 1.00 | 14 | 18, 35 | 16,00 |
| 219 | Otego... | 0.68 | | 6,488 33 | 3,244 16 | 8/ 6/04 | 100 | 10/17/05 | 4.68 | 12 | 26 | 3,00 |
| 220 | Otego... | 0.98 | | 10,732 61 | 5,376 31 | 7/14/04 | 100 | 9/13/05 | 0.68 | 14 | 20 | 2,00 |
| 221 | Otego... | 0.50 | | 7,221 15 | 3,610 57 | 6/14/04 | 100 | 10/28/04 | 0.98 | 16-25 | 22-40 | 2,00 |
| 222 | Dutch... | 3.47 | | 31,979 04 | 15,989 52 | 6/13/04 | 100 | 6/25/05 | 0.50 | 16 | 22 | 2,00 |
| 223 | Dutch... | 3.90 | | 48,491 38 | 24,245 69 | 7/20/04 | 100 | 12/ 3/06 | 3.47 | 114-20 | 24 | 2,00 |
| 224 | Chen.... | 5.82 | | 37,548 06 | 18,774 03 | 7/9/04 | 100 | 6/20/06 | 3.90 | 16 | 26 | 2,00 |
| 225 | Chen.... | 5.75 | | 47,588 71 | 23,794 36 | 7/13/04 | 100 | 12/10/06 | 5.82 | 12-16 | 26, 28 | 2,00 |
| *226 | Yates... | 3.10 | | 30,700 00 | 15,350 00 | 7/ 9/06 | 100 | 12/27/07 | 5.75 | 12-16 | 26, 28 | 2,00 |
| 227 | Renss... | 3.10 | | 30,700 00 | 15,350 00 | 7/ 9/06 | 100 | 12/27/07 | 3.10 | 14 | 24, 28 | 2,00 |

* See list by counties. † Changed from original plans.

1 Including \$153.00 spent under 188A for maintenance stone. State paid one-half.

2 Including \$500.00 spent under 190A for maintenance stone. State paid one-half.

3 Including \$1,162.82 spent under 191A for patching etc. State paid one-half.

4 Including \$744.50 spent under 196A for patching etc. State paid one-half.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | | |
|--------------------------------|-----------|------------------|-----------|------------|-----------------------------|-----------------------------|-----------------|------------------|-------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | | Miles | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| 4 Li. | 2 | 3 Sc. water. | | 0.613 | 8,870 | 1909 | 2.19 | Bit. Mac. | 181 | |
| 6 Li. | 3 | 3 Sc. water. | | 0.862 | 11,210 | 1910 | 8.85 | Bit. Mac. | 182 | |
| 4 Grn. | 2 | 3 Sc. water. | | 0.805 | 12,490 | 1909 | 2.76 | Bit. Mac. | | |
| | | | | | | 1910 | 0.22 | Bit. Mac. | | |
| 4 Lo. St. | 2 | 3 Sc. water. | | 0.592 | 8,640 | 1912 | 3.03 | Bit. Mac. | 183 | |
| 4 Li. | 2 | 3 Sc. water. | | 0.613 | 8,654 | 1913 | 2.95 | Bit. Mac. | 184 | |
| 4 Li. | 3 | 3 Sc. water. | | 0.684 | 11,615 | 1909 | 1.00 | WB. Oiled. | 185 | |
| 4 Li. | 2 | 3 Sc. water. | | 0.532 | 7,394 | 1910 | 1.00 | Bit. Mac. | 186 | |
| 3 Li. or Grn. | 3 | 3 Sc. water. | | 0.708 | 9,910 | 1909 | 1.72 | Bit. Mac. | 187 | |
| | | | | | | 1910 | 2.46 | Bit. Mac. | 188 | |
| 3 Li. or Grn. | 3 | 3 Sc. water. | | 0.704 | 9,920 | 1910 | 2.28 | WB. Mac. | | |
| | | | | | | 1918 | 0.09 | Bit. Mac. | | |
| 3 Li. or Grn. | 3 | 3 Sc. water. | | 0.712 | 11,000 | | | Oiled | 189 | |
| 3 Li. or Grn. | 3 | 3 Li. Sc. water. | | 0.720 | 9,490 | | | Oiled | 190 | |
| 3 Li. or Grn. | 3 | 3 Lo. Sc. water. | | 0.667 | 10,410 | 1910 | 4.55 | WB. Mac. | 191 | |
| 2 Li. | 3 | 3 Sc. water. | | 0.537 | 11,400 | 1917 | 2.75 | WB. Mac. | 192 | |
| 3 Tr. | Av. 4 | 3 Sc. water. | | 0.709 | 10,530 | 1917 | 3.50 | 3" Bit. Mac. | 193 | |
| 3 Lo. St. | 3 | 3 Sc. water. | | 0.616 | 10,620 | 1910 | 1.49 | WB. Oil. | 194 | |
| 3 Lo. St. | 3 | 3 Lo. Sc. water. | | 0.686 | 10,330 | 1913 | 4.01 | Grv. Con. (d) BT | 195 | |
| Grv. | Av. 6 | | | 0.217 | 5,760 | | | Oiled | 196 | |
| 3 Tr. | 3 | 3 Lo. Sc. water. | | 0.655 | 10,830 | 1916 | 1.60 | 3" WB. Mac. | 197 | |
| 2 Li. | 3 | 3 Sc. water. | | 0.698 | 13,655 | 1916 | 1.73 | 2" Bit. Mac. | 198 | |
| 3 Lo. Bl. | 3 | 3 Sc. water. | | 0.317 | 10,175 | 1917 | 2.41 | WB. Mac. | 199 | |
| 11 Lo. St. | 3 | 3 Sc. water. | | 0.576 | 9,840 | | | | | |
| 3 Li. | 3 | 3 Li. Sc. water. | | 0.649 | 9,590 | 1916 | 2.75 | 3" WB. Mac. | | |
| 3 Lo. St. | 3 | 3 Lo. Sc. water. | | 0.589 | 9,090 | 1917 | 3.11 | 3" WB. Mac. | 200 | |
| | | | | | | 1914 | 0.39 | WB. Mac. | 201 | |
| 3 Tr. | 3 | 3 Sc. water. | | 0.757 | 9,770 | 1914 | 0.51 | Brick | 202 | |
| | | | | | | 1915 | 4.52 | Bit. Mac. | | |
| 3 Li. | 3 | 3 Sc. water. | | 0.642 | 11,570 | | 2.20 | Bit. Mac. | | |
| 3 Li. | 3 | 3 Sc. water. | | 0.720 | 11,000 | 1910 | 0.59 | Bit. Mac. | 203 | |
| 3 Li. | 3 | 3 Sc. water. | | 0.648 | 13,240 | 1910 | 1.00 | Bit. Mac. | 204 | |
| | | | | | | | 2.45 | Oiled. | 205 | |
| 6 Grn. | 1 | 3 Sc. water. | | 0.751 | 9,875 | | | | 206 | |
| 3 Li. | 3 | 3 Sc. water. | | 0.668 | 9,050 | 1918 | 1.75 | Concrete. | 207 | |
| | | | | | | 1914 | 1.00 | Brick | | |
| | | | | | | 1915 | 0.60 | Brick | | |
| 4 Tr. | 2 | 2 Sc. water. | | 0.996 | 13,280 | 1917 | 2.86 | 2 1/2" Bit. Mac. | 208 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.610 | 8,070 | | | Oiled. | 209 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.633 | 13,065 | | | Oiled. | 210 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.621 | 9,280 | | | Oiled. | 211 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.658 | 10,320 | | | Oiled. | 212 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.596 | 11,010 | | | Oiled. | 213 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.575 | 9,900 | | | Oiled. | 214 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.602 | 7,670 | 1913 | 2.00 | WB. Mac. | 215 | |
| 3 Lo. St. | 3 | 2 Sc. water. | | 0.542 | 9,900 | 1915 | 0.95 | Bit. Mac. | 216 | |
| 3 Lo. St. | 3 | 2 Sc. water. | | 0.556 | 9,770 | 1917 | 0.97 | 3" Bit. Mac. | 217 | |
| | | | | | | 1914 | 0.81 | Bit. Mac. | 218 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.561 | 9,380 | 1910 | 1.87 | WB. HO. | | |
| | | | | | | 1912 | 2.00 | Bit. Mac. | | |
| 3 Li. | 3 | 2 Sc. water. | | 0.648 | 8,885 | 1917 | 0.63 | 3" WB. Oil. | 219 | |
| 3 Lo. St. | 3 | 2 Sc. water. | | 0.575 | 10,700 | | | Oiled. | 220 | |
| 6 Lo. St. | 3 | 2 Sc. water. | | 0.908 | 14,080 | | | Oiled. | 221 | |
| 4 Li. | 2 | 2 Sc. water. | | 0.785 | 11,749 | 1909 | | WB. Mac. | | |
| 3 Lo. St. | 3 | 2 Sc. water. | | 0.605 | 9,690 | | | | | |
| 6 Tr. | 2 | 2 Sc. water. | | 0.830 | 12,380 | 1915 | 1.53 | Bit. Mac. | 222 | |
| | | | | | | 1916 | 1.80 | 2" Bit. Mac. | 223 | |
| | | | | | | 1910 | 2.96 | WB. | 224 | |
| 4 Lo. St. | 2 | 2 Sc. water. | | 0.439 | 8,000 | 1912 | 1.86 | 3" Bit. Mac. | | |
| | | | | | | 1914 | 1.00 | 3" Bit. Mac. | | |
| 4 Li. | 2 | 2 Sc. water. | | 0.471 | 8,640 | 1913 | 3.39 | WB. Mac. | 225 | |
| | | | | | | 1914 | 1.62 | Bit. Mac. | 226 | |
| 14 Tr. | 2 | 2 Sc. water. | | 0.802 | 10,890 | 1912 | 3.10 | Bit. Mac. | | |

ending \$2,938.52 spent under 185A for maintenance etc. State paid one-half.

ending \$1,237.00 spent under 185A for patching etc. State paid one-half.

ending \$1,234.66 spent under 192A for patching etc. State paid one-half.

ending \$1,164.34 spent under 202A for patching etc. State paid one-half.

ending \$76.82 spent under 203A for patching etc. State paid one-half.

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 228 | Ulster. | 5.66 | ..... | \$61,600 00 | \$30,800 00 | 6/29/06 | 100 | 10/16/07 | 2.19 | 16 | 28 | 20,627 |
| 228A | Ulster. | ..... | ..... | ..... | ..... | 11/27/06 | 100 | 10/16/07 | 3.47 | 14 | 24 | 28,467 |
| 229 | Ulster. | 6.88 | ..... | 81,500 00 | 40,750 00 | 10/1/06 | 100 | 11/4/05 | 6.88 | 14 | 24 | 56,509 |
| 230 | Ulster. | 8.27 | ..... | 88,200 00 | 44,100 00 | 7/11/06 | 100 | 8/22/08 | 8.27 | 11 1/2 | 22 1/2 | 81,355 |
| 231 | Ulster. | 7.08 | ..... | 66,100 00 | 33,050 00 | 7/7/06 | 100 | 1/16/06 | 7.01 | 14-16 | 26 | 58,084 |
| | | | | | | | | | 0.07 | 9-31 | | 2,691 |
| 232 | Essex. | 2.64 | ..... | 21,000 00 | 10,500 00 | 7/9/06 | 100 | 10/16/07 | 2.64 | 14 | 26 | 21,683 |
| 233 | Herk. | 1.63 | ..... | 14,130 00 | 7,065 00 | 7/9/06 | 100 | 12/12/07 | 1.63 | 16 | 26 | 15,336 |
| 234 | Jeff. | 6.89 | ..... | 62,150 00 | 31,075 00 | 7/7/06 | 100 | 9/21/08 | 6.89 | 12 | 22 | 48,495 |
| 235 | Jeff. | 2.23 | ..... | 19,180 00 | 9,590 00 | 7/6/06 | 100 | 11/1/07 | 2.23 | 12-18 | 26 | 16,867 |
| 236 | Jeff. | 4.17 | ..... | 39,488 09 | 20,138 93 | 9/20/07 | 100 | 1/18/10 | 4.17 | 12-20 | 24-40 | 31,773 |
| 237 | Jeff. | 1.45 | ..... | 12,700 00 | 6,350 00 | 7/9/06 | 100 | 10/19/07 | 1.45 | 16 | 26 | 13,612 |
| 238 | Jeff. | 5.09 | ..... | 36,450 00 | 18,225 00 | 7/7/06 | 100 | 10/29/08 | 5.09 | 12 | 24 | 35,803 |
| 239 | Del. | 4.96 | ..... | 52,500 00 | 26,250 00 | 8/30/06 | 100 | 9/13/08 | 4.96 | 14, 16 | 18-26 | 41,640 |
| 240 | Saratoga | 1.00 | ..... | 32,950 00 | 16,475 00 | 7/3/06 | 100 | 1/27/08 | 1.00 | 15 | 35 | 9,092 |
| 241 | Saratoga | 4.36 | ..... | 36,730 00 | 18,365 00 | 7/13/06 | 100 | 7/—/08 | 4.36 | 16 | 32 | 40,704 |
| 242 | Saratoga | 1.23 | ..... | 9,410 00 | 4,705 00 | 7/13/06 | 100 | 12/21/07 | 1.23 | 14 | 26 | 10,272 |
| 243 | Saratoga | 1.84 | ..... | 27,700 00 | 13,850 00 | 7/9/06 | 100 | 10/27/08 | 1.72 | 16 | 28 | 16,118 |
| | | | | | | | | | 0.12 | 16 | 28 | 1,100 |
| 244 | Saratoga | 6.01 | ..... | 59,550 00 | 29,775 00 | 7/9/06 | 100 | 8/20/08 | 6.01 | 14 | 24 | 49,032 |
| 245 | Onon. | 1.21 | ..... | 15,567 32 | 8,717 70 | 9/20/07 | 100 | 7/29/09 | 1.21 | 12 | 22-26 | 8,604 |
| 246 | Fulton. | 2.03 | ..... | 18,850 00 | 9,425 00 | 7/12/06 | 100 | 1/16/08 | 2.03 | 14, 16 | 24-26 | 18,112 |
| 247 | Fulton. | 4.62 | ..... | 42,445 00 | 21,222 50 | 7/9/06 | 100 | 12/1/08 | 4.62 | 12, 14 | 22-26 | 34,250 |
| 248 | Fulton. | 2.01 | ..... | 17,980 00 | 8,990 00 | 9/1/06 | 100 | 10/8/08 | 2.01 | 12 | 24 | 14,167 |
| 249 | Fulton. | 3.14 | ..... | 28,000 00 | 14,000 00 | 7/6/06 | 100 | 10/29/07 | 3.14 | 14 | 24 | 25,783 |
| | | | | | | | | | 1.22 | 23 | 25 | 17,190 |
| 250 | Oneida. | 8.47 | ..... | 154,063 00 | 62,931 50 | 7/10/06 | 100 | 1/3/08 | 4.61 | 16 | 30-32 | 43,321 |
| | | | | | | | | | 2.64 | 16 | 32 | 24,800 |
| 251 | Niagara. | 3.15 | ..... | 18,379 79 | 9,189 90 | 7/5/06 | 100 | 10/19/08 | 3.15 | 12 | 20 | 22,524 |
| 252 | Monroe. | 2.92 | ..... | 21,623 00 | 10,811 50 | 7/11/06 | 100 | 6/3/07 | 2.92 | 12 | 20 | 21,144 |
| 253 | Monroe. | 2.12 | ..... | 21,701 57 | 10,850 78 | 7/11/06 | 100 | 11/20/07 | 2.12 | 16-20 | 26, 38 | 21,941 |
| 254 | Monroe. | 3.11 | ..... | 27,700 00 | 13,850 00 | 7/11/06 | 100 | 10/18/08 | 3.11 | 16 | 26 | 29,400 |
| 255 | Monroe. | 2.55 | ..... | 23,725 00 | 11,862 50 | 7/11/06 | 100 | 12/19/08 | 0.63 | 16 | 25 | 6,900 |
| | | | | | | | | | 1.92 | 16 | 25 | 18,036 |
| 256 | Monroe. | 3.60 | ..... | 28,365 96 | 14,182 98 | 7/13/06 | 100 | 1/5/08 | 3.67 | 16 | 28 | 35,073 |
| 257 | Monroe. | 3.36 | ..... | 26,250 00 | 13,125 00 | 7/11/06 | 100 | 9/17/07 | 3.36 | 16 | 28 | 32,736 |
| 258 | Clinton. | 5.44 | ..... | 52,020 00 | 26,010 00 | 7/—/06 | 100 | 1/3/08 | 5.44 | 14, 16 | 30-34 | 45,280 |
| 259 | Clinton. | 7.34 | ..... | 64,446 00 | 32,223 00 | 7/6/06 | 100 | 12/21/07 | 7.34 | 14 | 28 | 60,286 |
| 260 | Clinton. | 4.31 | ..... | 42,960 00 | 21,480 00 | 8/1/06 | 100 | 10/—/08 | 4.31 | 14 | 26-32 | 35,400 |
| 261 | West. | 5.86 | ..... | 50,150 00 | 25,075 00 | 7/6/06 | 100 | 11/21/08 | 5.86 | 14, 16 | 24-32 | 48,384 |
| 262 | West. | 4.66 | ..... | 36,744 24 | 18,372 12 | 7/6/06 | 100 | 11/16/08 | 4.66 | 14 | 24 | 38,256 |
| 263 | Erie. | 4.23 | ..... | 42,400 00 | 21,200 00 | 7/18/06 | 100 | 8/13/08 | 1.07 | 16 | 24-26 | 10,075 |
| | | | | | | | | | 3.16 | 16 | 24-26 | 29,621 |
| 264 | Erie. | 0.74 | ..... | 6,824 24 | 3,412 12 | 7/10/06 | 100 | 1/5/08 | 0.74 | 16 | 22-32 | 6,899 |
| 265 | Broome. | 2.78 | ..... | 30,000 00 | 15,000 00 | 7/12/06 | 100 | 8/—/08 | 2.73 | 14 | 27 | 22,867 |
| 266 | Broome. | 1.67 | ..... | 14,670 00 | 7,335 00 | 7/12/06 | 100 | 8/—/08 | 1.67 | 12 | 26-32 | 11,990 |
| 267 | Broome. | 5.84 | ..... | 60,250 00 | 30,125 00 | 7/12/06 | 100 | 6/15/08 | 5.84 | 12 | 24-26 | 41,180 |
| 268 | Broome. | 1.00 | ..... | 10,629 79 | 5,314 90 | 7/12/06 | 100 | 7/30/07 | 1.03 | 12, 16 | 26, 28 | 7,588 |
| 269 | Monroe. | 4.30 | ..... | 28,670 50 | 14,335 25 | 7/11/06 | 100 | 1/5/08 | 4.30 | 12 | 20 | 31,008 |
| 270 | Nassau. | 1.16 | ..... | 11,728 34 | 5,864 17 | 7/10/06 | 100 | 9/—/07 | 1.03 | 16 | 32 | 9,582 |
| | | | | | | | | | 0.14 | ..... | ..... | ..... |
| 271 | Oneida. | 8.50 | ..... | 99,700 00 | 49,850 00 | 9/15/06 | 100 | 10/15/08 | 4.03 | 16 | 32 | 37,828 |
| | | | | | | | | | 4.02 | 16 | 32 | 37,774 |
| 272 | Erie. | 1.21 | ..... | 13,700 00 | 6,850 00 | 7/10/06 | 100 | 1/10/07 | 1.21 | 16 | 28 | 12,132 |
| 273 | Seneca. | 1.30 | ..... | 17,250 00 | 8,625 00 | 12/4/07 | 100 | 11/17/08 | 1.30 | 16 | 26 | 12,366 |
| 274 | | | | | | | | | 0.45 | 16 | 32 | 4,236 |
| 275 | Broome. | 1.75 | ..... | 15,990 08 | 7,995 04 | 7/12/06 | 100 | 2/13/08 | 1.75 | 12 | 24, 26 | 12,365 |
| 276 | Broome. | 3.00 | ..... | 33,717 00 | 16,858 50 | 6/12/06 | 100 | 12/—/08 | 3.00 | 12 | 24 | 21,164 |
| 276 | Monroe. | 4.14 | ..... | 39,200 00 | 19,600 00 | 7/13/06 | 100 | 9/16/07 | 4.14 | 16 | 22 | 40,212 |
| 277 | Hamilt. | 3.44 | ..... | 31,131 54 | 15,565 77 | 7/12/06 | 100 | 4/—/10 | 3.44 | 12 | 26 | 24,217 |
| 278 | Oswego. | 2.41 | ..... | 25,939 06 | 15,822 83 | 9/20/07 | 100 | 11/25/08 | 2.41 | 16 | 26 | 22,842 |
| 279 | Oswego. | 2.48 | ..... | 26,963 67 | 14,290 75 | 9/20/07 | 100 | 11/—/08 | 2.48 | 16 | 28 | 23,436 |
| 280 | Oswego. | 1.60 | ..... | 17,062 12 | 8,531 06 | 9/18/08 | 100 | 1/10/08 | 1.63 | 16 | 26 | 14,337 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|----------------|-----------|-----------------------------|-----------------------------|-----------------------------|------------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| | | | | | | | | | | |
| Lo. St. | 4 | Lo. St. | 4 | 3 rd water | 0.706 | 12,220 | 1915 | 4.32 | Bit. Mac. | 228 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.540 | 10,670 | 1914 | 0.84 | Bit. Mac. | 1228A |
| Li. | 3 | Li. | 3 | 3 rd water | 0.581 | 12,700 | | | Oiled | 229 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.591 | 10,389 | | | Oiled | 230 |
| App. St. | 3 | App. St. | 3 | 3 rd water | 0.604 | 9,930 | 1917 | 3.81 | 3" Bit. Mac. | 231 |
| S Con. | 6 | Brick | 4 | | 2.800 | 30,540 | | | | |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.658 | 8,700 | 1913 | 2.64 | Bit. Mac. | 232 |
| Lo. St. | 3 | Tr. | 3 | 3 rd water | 0.609 | 8,620 | 1914 | 1.64 | Bit. Mac. | 233 |
| Lo. St. | 4 | Li. | 4 | 3 rd water | 0.587 | 10,400 | | | | 234 |
| Lo. St. | 4 | Li. | 4 | 3 rd water | 0.810 | 10,075 | 1912 | 2.23 | Bit. Mac. | 235 |
| Gn. | 4 | Gn. | 2 | Li. & 3 rd water | 0.608 | 10,586 | | | Oiled | 236 |
| Lo. St. | 4 | Li. | 2 | 3 rd water | 0.640 | 8,738 | 1912 | 1.45 | Bit. Mac. | 237 |
| Lo. St. | 4 | Li. | 2 | 3 rd water | 0.564 | 8,565 | 1917 | 3.00 | 2 1/2" Bit. Mac. | 238 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.577 | 11,170 | | | | 239 |
| Grv. Con. | 6 | Brick | 4 | | 2.088 | 32,160 | | | | 1240 |
| Lo. St., or Tr. | 3 | Lo. St. | 3 | 3 rd water | 0.651 | 5,355 | 1912 | 1.27 | Bit. Mac. | 241 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.649 | 8,320 | 1912 | 3.09 | Bit. Mac. | 242 |
| Lo. St. | 4 | Li. | 4 | 3 rd water | 0.631 | 15,350 | 1914 | 1.23 | Bit. Mac. | 243 |
| S Con. | 6 | Brick | 4 | | 2.750 | 3,210 | | 0.16 | Brick | 244 |
| Lo. St. | 3 | Tr., Li. | 3 | 3 rd water | 0.746 | 10,820 | 1914 | 4.70 | Bit. Mac. | 245 |
| | | | | | | | 1915 | 1.31 | Bit. Mac. | 246 |
| Lo. Li. | 4 | Lo. Li. | 2 | 3 rd water | 0.715 | 14,485 | | | Oiled | 247 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.682 | 9,632 | | | Oiled | 248 |
| Lo. St. | 3 | Sy. | 3 | 3 rd water | 0.603 | 10,495 | 1912 | 3.14 | Bit. Mac. | 249 |
| App. St. | 3 | App. St. | 3 | 3 rd water | 0.705 | 10,730 | | | Oiled | 250 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.645 | 9,767 | 1914 | 3.14 | Bit. Mac. | 251 |
| T Con. | 6 | App. St. | 3 | Asp. (7) M. M | 1.850 | 24,905 | 1914 | 2.56 | Bit. Mac. | 252 |
| Lo. St. | 3 | Lo. St. 2 Gnl | 3 | 3 rd water | 0.844 | 15,455 | 1917 | 2.02 | Bit. Mac. | 253 |
| Lo. St. | 4 | Lo. St. | 2 | 3 rd water | 0.753 | 14,695 | 1917 | 2.72 | 2" MM-2 | 254 |
| Lo. Li. | 3 | Li. | 3 | 3 rd water | 0.625 | 7,540 | 1912 | 0.79 | WB Oiled | 255 |
| Fld. | 3 | Li. | 3 | 3 rd water | 0.621 | 9,430 | | | Oiled | 256 |
| Imp. Li. | 3 | Li. | 3 | 3 rd water | 0.665 | 9,370 | 1916 | 0.80 | Brick 20' 38" | 257 |
| | | | | | | | 1917 | 1.32 | 2" BM-MM-2 | 258 |
| Li. 3, App. St. 3 | 6 | Li. | 3 | 3 rd water | 0.757 | 8,660 | 1913 | 1.14 | Bit. Mac. | 259 |
| Li. | 3 | Li. | 3 | 3 rd water | 0.511 | 7,263 | | | Oiled | 260 |
| Li. 3, Li. 3 f. | 6 | Li. | 3 | 3 rd water | 0.776 | 9,755 | | | Oiled | 261 |
| Lo. St. | 4 | Gn. | 3 | 3 rd water | 0.593 | 7,880 | | | Oiled | 262 |
| Lo. St. | 4 | Gn. | 3 | 3 rd water | 0.595 | 7,595 | | | Oiled | 263 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.620 | 9,540 | | | Oiled | 264 |
| Lo. St. | 3 | Li. | 3 | 3 rd water | 0.669 | 9,570 | 1917 | 7.34 | Bit. Mac. | 265 |
| Lo. St. | 3 | Li. | 3 | 3 rd water | 0.867 | 10,980 | | | Oiled | 266 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.667 | 9,310 | | | Oiled | 267 |
| Lo. St. | 3 | Lo. St. | 3 | 3 rd water | 0.676 | 8,670 | | | Oiled | 268 |
| Lo. St. | 5 | Li. | 3 | 3 rd water | 0.911 | 11,370 | 1914 | 4.23 | Brick | 269 |
| Lo. St. | 3 | Li. | 3 | 3 rd water | 0.718 | 9,560 | | | | 270 |
| Li. or Lo. St. | 3 | Li. or Lo. St. | 3 | 3 rd water | 0.711 | 9,280 | 1911 | 0.74 | Brick | 271 |
| Lo. St. | 3 | Tr. | 3 | 3 rd water | 0.688 | 11,590 | 1915 | 2.78 | Bit. Mac. | 272 |
| Lo. St. | 3 | Sy. | 3 | 3 rd water | 0.681 | 10,210 | | | Oiled | 273 |
| Lo. St. | 5 | Lo. St. | 3 | 3 rd water | 0.924 | 12,480 | | | Oiled | 274 |
| Lo. St. | 4 | Tr. | 3 | 3 rd water | 0.641 | 11,760 | | | Oiled | 275 |
| Lo. Fld. | 4 | Gn. | 3 | 3 rd water | 0.615 | 8,560 | | | Oiled | 276 |
| Tr. | 3 | Tr. | 3 | 3 rd water | 0.956 | 11,205 | | | Oiled | 277 |
| Old Mac. | | | | | | | | | | |
| Li. | 3 | Sy. | 3 | 3 rd water | 0.805 | 12,410 | 1916 | 4.48 | 2" Bit. Mac. | 278 |
| Lo. St. | 4 | Lo. St. | 2 | 3 rd water | 0.678 | 11,170 | | | | 279 |
| Old Mac. | | Sy. | 3 | 3 rd water | 0.479 | 11,170 | 1917 | 4.01 | BM-MM-2 | 280 |
| Li. | 3 | Li. | 3 | 3 rd water | 0.769 | 10,830 | 1913 | 1.21 | Bit. Mac. | 281 |
| Lo. St. | 4 | Li. | 2 | 3 rd water | 0.636 | 13,270 | 1914 | 2.10 | Bit. Mac. | 282 |
| | | | | | | | 1918 | 0.20 | Bit. Mac. | 283 |
| Lo. St. | 3 | Tr. | 3 | 3 rd water | 0.621 | 10,680 | | | Oiled | 284 |
| Lo. St. | 5 | Lo. St. | 3 | 3 rd water | 1.010 | 13,550 | 1917 | 0.73 | F. Con. | 285 |
| Fld. | 3 | Li. | 3 | 3 rd water | 0.701 | 9,250 | 1914 | 1.62 | Bit. Mac. | 286 |
| | | | | | | | 1915 | 0.38 | Brick | 287 |
| Gn. | 3 | Gn. | 3 | 3 rd water | 0.678 | 10,630 | 1913 | 3.44 | Bit. Mac. | 288 |
| Lo. St. | 4 | Li. | 2 | 3 rd water | 0.786 | 10,760 | 1914 | 2.41 | Bit. Mac. | 289 |
| Lo. St. | 4 | Tr. | 2 | 3 rd water | 0.761 | 10,875 | | | Oiled | 290 |
| Lo. St. | 4 | Tr. | 1 1/2 | 3 rd water | 0.721 | 9,430 | 1914 | 1.66 | Bit. Mac. | 291 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|---------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| *281 | Orange | | | \$65,775 00 | \$32,887 50 | 8/30/06 | 100 | 8/24/08 | 7.13 | 12 | 26 | 50,100 |
| 282 | Orange | 7.13 | | 70,400 00 | 35,200 00 | 9/4/06 | 100 | 11/2/08 | 5.11 | 12 | 26 | 36,000 |
| 283 | Orange | 5.11 | | 35,440 00 | 17,720 00 | 7/2/06 | 100 | 7/11/08 | 3.61 | 14-20 | 26 | 33,660 |
| 284 | Renss. | 3.61 | | 24,900 00 | 12,450 00 | 7/7/06 | 100 | 12/21/07 | 3.62 | 12 | 24, 26 | 26,471 |
| 285 | Renss. | 3.62 | | 37,379 61 | 18,689 81 | 9/20/07 | 100 | 7/20/09 | 5.55 | 12 | 26 | 39,325 |
| 286 | Monroe | 5.55 | | 43,750 00 | 21,875 00 | 8/30/06 | 100 | 12/25/07 | 4.75 | 112-20 | 26 | 37,620 |
| 287 | Renss. | 4.75 | | | | | | | | | | |
| 288 | Renss. | 3.72 | | 16,867 35 | 8,433 68 | 7/3/06 | 100 | 7/1/07 | 3.72 | 18 | 28 | 39,280 |
| 289 | Suffolk | | | | | | | | | | | |
| 290 | Onon. | 1.06 | | 13,826 00 | 6,913 00 | 8/31/06 | 100 | 5/18/08 | 1.06 | 16 | 26 | 10,166 |
| 291 | Onon. | 0.89 | | 11,400 00 | 5,700 00 | 10/18/07 | 100 | 12/30/08 | 0.89 | 16 | 26 | 8,424 |
| 292 | Onon. | 1.00 | | 10,511 19 | 5,255 59 | 7/10/06 | 100 | 9/8/06 | 1.00 | 12 | 26 | 7,056 |
| 293 | Onon. | 1.00 | | 9,496 34 | 4,748 17 | 7/10/06 | 100 | 8/19/09 | 0.33 | 16 | 26 | 3,060 |
| | | | | | | | | | 0.67 | 12 | 26 | 4,788 |
| 294 | Monroe | 5.89 | | 45,000 00 | 22,500 00 | 9/17/07 | 100 | 11/30/08 | 5.89 | 12 | 24, 32 | 42,597 |
| 295 | Oneida | 2.78 | | 35,100 00 | 17,550 00 | 7/10/06 | 100 | 1/16/08 | 2.78 | 16 | 26 | 26,159 |
| 296 | Oneida | 4.50 | | 63,504 00 | 31,752 00 | 7/10/06 | 100 | 1/22/08 | 4.50 | 16 | 26 | 43,294 |
| 297 | Oneida | 3.72 | | 43,100 00 | 21,550 00 | 7/10/06 | 100 | 7/30/07 | 3.72 | 16 | 26 | 34,951 |
| 298 | Mont. | 2.20 | | 16,600 00 | 8,300 00 | 7/9/06 | 100 | 10/29/08 | 2.20 | 14 | 24 | 18,072 |
| 299 | Mont. | 2.74 | | 29,072 00 | 14,536 00 | 7/11/06 | 100 | 7/1/08 | 2.74 | 12 | 22 | 19,310 |
| 300 | Mont. | 1.13 | | 10,200 00 | 5,100 00 | 7/1/06 | 100 | 12/3/06 | 1.13 | 12 | 22 | 7,933 |
| 301 | Mont. | 2.23 | | 16,000 00 | 8,000 00 | 7/9/06 | 100 | 11/19/07 | 2.23 | 12 | 22 | 16,409 |
| 302 | Mont. | 2.00 | | 17,800 00 | 8,900 00 | 7/9/06 | 100 | 1/21/08 | 2.00 | 12, 14 | 22 | 16,271 |
| 303 | Mont. | 2.21 | | 21,912 00 | 10,956 00 | 9/20/07 | 100 | 10/29/08 | 2.21 | 16 | 24 | 20,734 |
| 304 | Mont. | 5.63 | | 61,394 19 | 30,697 10 | 9/20/07 | 100 | 7/14/10 | 5.63 | 14 | 24-28 | 46,238 |
| 305 | Ulster | 7.25 | | 69,625 00 | 34,812 50 | 7/3/06 | 100 | 10/12/08 | 7.25 | 16 | 22-28 | 67,992 |
| 306 | Ulster | 5.56 | | 56,500 00 | 28,250 00 | 6/20/07 | 100 | 11/4/08 | 1.15 | 16 | 22-24 | 10,788 |
| | | | | | | | | | 4.41 | 16 | 22-24 | 41,448 |
| 307 | Ulster | 7.16 | | 64,100 00 | 32,050 00 | 9/19/07 | 100 | 11/5/08 | 7.16 | 14 | 26 | 59,788 |
| 308 | Ulster | 4.16 | | 52,550 00 | 26,275 00 | 1/10/08 | 100 | 11/2/08 | 4.16 | 16 | 24 | 39,204 |
| *309 | Ulster | | | | | | | | | | | |
| 310 | Ulster | 4.25 | | 42,367 30 | 21,183 65 | 5/3/11 | 100 | 1/8/12 | 3.97 | 14, 16 | 26 | 33,085 |
| | | | | | | | | | 0.28 | 14 | 26 | 2,333 |
| *311 | Ulster | | | | | | | | | | | |
| 312 | Orange | 4.38 | | 41,067 00 | 20,533 50 | 9/4/06 | 100 | 9/21/08 | 4.38 | 12 | 22 | 30,856 |
| 313 | Orange | 4.88 | | 57,400 00 | 28,700 00 | 9/3/07 | 100 | 10/15/08 | 4.88 | 12 | 22 | 34,326 |
| 313A | Orange | 1.02 | | 14,098 88 | 7,049 44 | 12/6/11 | 100 | 9/—/13 | 1.02 | 14 | 24, 26 | 8,357 |
| 314 | Orange | 4.37 | | 55,900 00 | 27,950 00 | 6/30/06 | 100 | 8/22/08 | 4.37 | 16 | 26, 28 | 40,968 |
| 315 | Otsego | 3.53 | | 32,700 00 | 16,350 00 | 7/9/06 | 100 | 6/23/08 | 3.53 | 16† | 24-26 | 34,138 |
| 316 | Otsego | 1.26 | | 12,750 00 | 6,375 00 | 7/10/06 | 100 | 10/29/07 | 1.26 | 16 | 26, 28 | 11,840 |
| 317 | Otsego | 2.70 | | 26,200 00 | 13,100 00 | 7/10/06 | 100 | 8/24/08 | 1.97 | 16 | 26 | 18,457 |
| | | | | | | | | | 0.73 | 16 | 28 | 6,857 |
| 318 | Otsego | 2.03 | | 18,871 15 | 9,435 58 | 6/30/06 | 100 | 7/19/07 | 2.03 | 14 | 24 | 16,680 |
| 319 | Otsego | 3.65 | | 38,800 92 | 19,400 46 | 6/30/06 | 100 | 10/21/07 | 3.65 | 16 | 22-32 | 34,134 |
| 320 | Seneca | 5.74 | | 50,467 70 | 25,233 85 | 9/18/07 | 100 | 10/11/09 | 5.74 | 16 | 28 | 53,680 |
| 321 | Seneca | 4.32 | | 53,257 02 | 26,628 51 | 11/12/08 | 100 | 12/15/10 | 4.32 | 16 | 26, 28 | 40,530 |
| 322 | Seneca | | | | | | | | | | | |
| 323 | Seneca | 3.87 | | 47,390 70 | 23,695 35 | 2/18/10 | 100 | 8/8/11 | 3.87 | 16 | 28, 32 | 36,331 |
| 324 | Seneca | 3.20 | | 37,266 01 | 18,633 00 | 3/25/11 | 100 | 1/19/12 | 3.20 | 16 | 12 | 22,562 |
| | | | | | | | | | | 4 | — | 7,521 |
| 325 | Seneca | 2.95 | | 43,900 49 | 22,010 25 | 8/17/16 | 100 | 12/18/17 | 2.95 | 12 | 28 | 20,788 |
| 326 | Seneca | 4.04 | | 51,890 03 | 25,945 02 | 6/11/12 | 100 | 11/8/14 | 4.04 | 14, 16 | 28, 30 | 33,428 |
| *327 | Seneca | | | | | | | | | | | |
| 328 | Onon. | 1.28 | | 21,932 00 | 10,966 00 | 8/31/06 | 100 | 11/9/08 | 1.28 | 12-16 | 26 | 9,492 |
| 329 | Onon. | 2.31 | | 34,400 00 | 17,200 00 | 11/23/06 | 100 | 7/21/08 | 1.99 | 12 | 24 | 13,961 |
| | | | | | | | | | 0.32 | 12 | 24 | 2,267 |
| 330 | Onon. | 2.44 | | 26,748 01 | 13,308 97 | 9/20/07 | 100 | 12/30/09 | 2.44 | 14 | 22-28 | 20,295 |
| 331 | West. | 3.88 | | 51,894 96 | 25,947 48 | 7/20/06 | 100 | 12/—/08 | 3.88 | 14, 16 | 26, 28 | 34,440 |
| 332 | West. | 3.23 | | 38,551 00 | 19,275 50 | 7/20/06 | 100 | 11/5/08 | 3.23 | 14 | 24, 28 | 26,472 |
| 333 | Ontario | 1.13 | | 9,385 92 | 4,692 96 | 7/10/06 | 100 | 12/24/06 | 1.13 | 14 | 24-32 | 9,298 |
| 334 | Ontario | 1.68 | | 15,153 43 | 7,576 71 | 7/10/06 | 100 | 8/28/07 | 1.68 | 16 | 32 | 15,787 |
| 335 | Ontario | 5.20 | | 41,295 40 | 20,647 70 | 7/5/06 | 100 | 8/28/07 | 5.20 | 12 | 24, 32 | 38,076 |
| 336 | Tomp. | 3.17 | | 38,350 00 | 19,175 00 | 8/30/06 | 100 | 12/—/08 | 3.17 | 12 | 24-28 | 22,912 |
| 337 | Madison | 1.58 | | 13,245 11 | 6,622 56 | 9/20/07 | 100 | 12/—/08 | 1.58 | 12 | 26 | 11,133 |

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAVEMENT | | | Highway No. | |
|--------------------------------|-----------|----------|-----------|----------------|-------------|-----------------------------|-----------------------------|-----------------|-------|------------------|------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | Oil (10). | 0.598 | 10,640 | | | Oiled | *281 |
| Fld | 5 | Li. | 1 | Sc. water. | | 0.584 | 15,140 | | | Oiled | 282 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.580 | 9,800 | | | Oiled | 283 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.620 | 11,120 | 1917 | 3 62 | 3" Bit. Mac. | 284 |
| Lo. St. | 4 | Grn. | 3 | Sc. water. | | 0.627 | 8,180 | | | Oiled | 285 |
| App. St. | 3 | App. St. | 3 | Sc. water. | | 0.709 | 10,250 | 1914 | 0.41 | Bit. Mac. | 286 |
| | | Grv. | 5 | | | 0.198 | 4,290 | 1916 | 4.34 | 3" WB. Mac. | 287 |
| | | | | | | | | | | Oiled | 288 |
| Li. | 5 | Sy. | 3 | Sc. water. | | 0.990 | 12,830 | 1914 | 1.06 | Brick | *289 |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.722 | 12,810 | | | Oiled | 290 |
| Imp. Li. | 4 | Li. | 2 | Sc. water. | | 1.055 | 12,965 | 1917 | 1.00 | 2 1/2" Bit. Mac. | 291 |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.808 | 10,025 | 1914 | 1.00 | Bit. Mac. | 292 |
| Li. | 4 | Li. | 2 | Sc. water. | | 0.959 | 11,440 | | | | 293 |
| Lo. St. | 4 | Grn. | 3 | Sc. water. | T. (17). | 0.631 | 9,040 | 1915 | 2.92 | WB. Mac. | 294 |
| Lo. St. | 4 | Sst. | 3 | Sc. water. | | 0.875 | 12,010 | | | Oiled | 295 |
| Lo. St. | 4 | Tr. | 3 | Sc. water. | | 0.915 | 11,880 | | | Oiled | 296 |
| Li. | 4 | Gr. | 3 | Sc. water. | | 0.896 | 11,570 | | | Oiled | 297 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.623 | 8,357 | 1917 | 2.74 | 3" WB. Mac. | 298 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.808 | 12,830 | | | Oiled | 299 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.875 | 11,382 | | | Oiled | 300 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.908 | 8,420 | | | Oiled | 301 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.617 | 9,010 | | | Oiled | 302 |
| Li. | 4 | Li. | 3 | Sc. water. | | 0.657 | 10,020 | | | Oiled | 303 |
| Dol. | 3 | Li. | 3 | Sc. water. | | 0.650 | 12,097 | 1917 | 5.04 | 3" Bit. Mac. | 304 |
| Li. | 3 | Li. | 3 | Sc. water. | | 0.543 | 9,090 | | | Oiled | 305 |
| Lo. St. | 3 | Tr. | 3 | Sc. water. | | 0.667 | 10,883 | | | | 306 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.571 | 9,983 | | | | 307 |
| Sst. | 4 | Sst. | 3 | Sc. water. | | 0.636 | 9,700 | | | Oiled | 308 |
| Sst. | 3 | Sst. | 3 | Sc. water. | | 0.683 | 12,630 | | | Oiled | 309 |
| Sst. | 3 | Sst. | 3 | Asp. (10). | C. O. (10). | 0.690 | 10,735 | | | | 310 |
| Sst. | 3 | Sst. | 3 | Sc. water. | | 0.556 | 9,570 | 1917 | 0.37 | 3" Bit. Mac. | *311 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.593 | 11,204 | | | Oiled | 312 |
| Sst. | 3 | Sst. | 3 | Sc. water. | | 0.499 | 13,820 | | | | 313 |
| Sst. | 3 | Sst. | 3 | Asp. (10). | | 0.657 | 15,100 | | | | 313A |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.602 | 13,480 | 1914 | 2.49 | Concrete (a) | 314 |
| | | | | | | | | 1915 | 1.88 | Concrete (a). | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.584 | 9,120 | | | Oiled | 315 |
| Lo. St. | 2 | Lo. St. | 3 | Li. Sc. water. | | 0.653 | 10,120 | | | Oiled | 316 |
| Lo. St. | 3 | Tr. 7 | 3 | Sc. water. | | 0.823 | 9,815 | 1915 | 2.70 | Bit. Mac. | 317 |
| Lo. St. | 3 | Li. | 3 | Sc. water. | | 0.757 | 9,195 | | | | 318 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.635 | 10,010 | 1915 | 2.03 | 3" Bit. Mac. | 319 |
| Li. | 3 | Li. | 3 | Sc. water. | | 0.640 | 10,600 | 1915 | 3.6 | 3" Bit. Mac. | 320 |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.576 | 8,725 | 1915 | 5.72 | Bit. Mac. | 321 |
| Sub | 8 | Li. | 3 | Asp. (10). | | 1.061 | 13,060 | | | | 322 |
| Sub. & App. 2 | 7 | Li. | 2 | Asp. (10). | | 0.983 | 12,200 | | | Oiled | 323 |
| Sub. | 7 | Li. | 3 | Asp. (10). | | 0.938 | 11,640 | | | Oiled | 324 |
| (Shoulders) | 7 | Li. | 3 | Asp. (10). | | 0.532 | | | | | 325 |
| Fld | 7 | Li. | 3 | T. (17) | | 1.387 | 16,900 | | | | 326 |
| Sh | 7 | Imp. Li. | 3 | Trn. (7) | Bar. (1) | 1.229 | 14,150 | | | | *327 |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.589 | 18,300 | 1914 | 1.30 | Bit. Mac. | 328 |
| App. St. | 4 | Li. | 2 | Sc. water. | | 0.753 | 16,900 | 1914 | 0.03 | Bit. Mac. | |
| App. St. | 4 | Li. | 2 | Sc. water. | | 0.976 | 18,900 | 1915 | 0.07 | Concrete | 329 |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.777 | 11,800 | 1916 | 2.21 | Bit. Mac. | |
| Grn. | 3 | Grn. | 3 | Sc. water. | | 0.837 | 13,800 | | 2.41 | 2 1/2" WB. Mac. | 330 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | | 0.805 | 12,900 | 1914 | 1.5 | Oiled | 331 |
| Li. | 3 | Li. | 3 | Sc. water. | | 0.629 | 8,910 | 1917 | 1.8 | WB. C. O. | 332 |
| Li. | 3 | Li. | 3 | Sc. water. | | 0.670 | 8,344 | 1915 | 0.65 | 2 1/2" Bit. Mac. | 333 |
| App. St. | 3 | Li. | 3 | Sc. water. | | 0.670 | 8,344 | 1915 | 1.6 | Bit. Mac. M.M. | 334 |
| | | | | | | 0.644 | 9,290 | 1913 | 4.5 | Bit. Mac. | 335 |
| | | | | | | | | 1918 | 0.6 | Bit. Mac. | |
| Lo. St. | 4 | Li. | 2 | Sc. water. | | 0.611 | 12,800 | | | Oiled | 336 |
| Li. | 4 | Li. | 2 | Sc. water. | | 0.761 | 10,160 | | | Oiled | 337 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

see page 186 for explanation.

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|----------------------|------------------|----------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 338 | Tomp... | 1.38 | | \$14,900 00 | \$7,450 00 | 8/30/06 | 100 | 11/ 1/08 | 1.38 | 16 | 26 | 13,086 |
| 339 | Madison. | 3.28 | | 30,962 00 | 15,481 00 | 9/18/06 | 100 | 12/—/08 | 3.28 | 12-16 | 22-26 | 23,971 |
| 340 | Saratoga. | 7.25 | | 58,120 00 | 29,060 00 | 7/ 6/06 | 100 | 6/—/08 | 7.25 | 14 | 28 | 61,224 |
| 341 | Colum... | 2.60 | | 27,600 00 | 13,800 00 | 7/ 6/06 | 100 | 8/14/08 | 2.60 | 16 | 26,28 | 24,405 |
| 342 | Colum... | 1.11 | | 8,200 00 | 4,100 00 | 8/28/06 | 100 | 9/—/08 | 1.11 | 16 | 24 | 10,514 |
| 343 | Dutch... | 2.23 | | 24,078 97 | 12,039 49 | 7/ 7/06 | 100 | 9/16/07 | 2.23 | 14 | 24,26 | 18,240 |
| 344 | Dutch... | 1.78 | | 17,950 01 | 8,975 01 | 7/ 9/06 | 100 | 8/27/07 | 1.78 | 14 | 24,26 | 14,619 |
| 345 | Mont... | 4.66 | | 42,066 08 | 21,033 04 | 12/18/07 | 100 | 7/—/10 | 4.66 | 14 | 24-30 | 38,305 |
| 346 | Mont... | 2.51 | | 26,473 01 | 14,560 16 | 11/12/08 | 100 | 9/24/10 | 2.51 | 14 | 24 | 20,843 |
| 347 | Mont... | 2.84 | | 36,158 00 | 18,079 00 | 11/12/08 | 100 | 1/ 1/10 | 2.87 | 14 | 24-30 | 23,280 |
| 348 | Onon... | 1.96 | | 28,881 91 | 14,440 96 | 7/ 9/06 | 100 | 8/15/09 | 1.96 | 16 | 26 | 18,715 |
| *349 | Ulster... | | | | | | | | | | | |
| 350 | Ulster... | 7.26 | | 95,628 28 | 49,019 44 | 2/14/10 | 100 | 9/ 9/11 | 2.98 3.97 0.31 | 14,16 14,16 16 | 26 26 16 | 27,708 33,262 2,934 |
| 351 | Ulster... | 7.80 | | 77,240 08 | 42,161 18 | 4/17/12 | 100 | 10/20/13 | 7.80 | 14 | 24,26 | 64,908 |
| 352 | Ulster... | 1.91 | | 24,370 09 | 14,776 95 | 4/15/12 | 100 | 1/18/13 | 1.91 | 14 | 26 | 15,666 |
| *353 | Ulster... | | | | | | | | | | | |
| 354 | Ulster... | 1.15 | | 98,948 51 | 34,834 38 | 6/10/12 | 100 | 11/18/15 | 1.15 | 18-32 | 30 | 17,028 |
| 355 | Chem... | 4.48 | | 58,000 00 | 29,378 10 | 3/ 9/08 | 100 | 12/17/08 | 4.48 | 16 | 26-41 | 42,043 |
| 356 | Chem... | 9.17 | | 98,183 90 | 49,091 95 | 7/ 7/06 | 100 | 1/30/08 | 9.17 | 16-20 | 24-32 | 86,191 |
| 357 | Chem... | 1.57 | | 15,754 30 | 7,877 15 | 9/13/06 | 100 | 11/ 8/07 | 1.57 | 16 | 28,32 | 14,700 |
| 358 | Chem... | 7.08 | | 80,600 00 | 40,300 00 | 12/ 2/07 | 100 | 12/15/08 | 5.03 1.45 | 16 16 | 30 13 | 52,828 13,656 |
| 359 | Herk... | 1.80 | | 18,430 00 | 9,215 00 | 7/10/06 | 100 | 7/11/08 | 1.89 | 16 | 26 | 17,770 |
| 360 | Herk... | 0.35 | | 4,150 00 | 2,075 00 | 7/ 2/06 | 100 | 5/—/07 | 0.35 | 10 | 26 | 3,276 |
| 361 | Fulton... | 2.22 | | 23,057 70 | 11,528 85 | 7/ 9/06 | 100 | 11/13/07 | 2.22 | 16 | 26 | 20,838 |
| 362 | Fulton... | 1.71 | | 20,900 00 | 12,122 00 | 9/18/07 | 100 | 10/29/08 | 1.71 | 14, 24 | 28 | 18,284 |
| 363 | Fulton... | 1.37 | | 12,521 75 | 7,387 83 | 9/29/07 | 100 | 10/27/08 | 1.37 | 14 | 26-28 | 12,252 |
| 364 | Albany... | 3.13 | | 27,400 00 | 13,700 00 | 7/12/06 | 100 | 11/ 2/08 | 3.13 | 14 | 24, 26 | 25,707 |
| 365 | Albany... | 1.90 | | 16,847 42 | 8,423 71 | 7/ 3/06 | 100 | 10/31/07 | 1.90 | 14 | 24 | 15,605 |
| †365 | Albany | | | | | | | | 6.49 | 16 | 24 | 58,173 |
| 366A | Albany | 6.84 | | 88,900 00 | 44,450 00 | 7/11/06 | 100 | 10/12/07 | 0.14 0.21 | 16 16 | 24 | 1,345 2,006 |
| †367 | Albany... | 6.75 | | 62,750 00 | 31,375 00 | 7/ 6/06 | 100 | 8/27/07 | 6.75 | 14 | 22, 24 | 55,404 |
| 368 | Oneida... | 3.38 | | 36,000 00 | 18,000 00 | 11/23/06 | 100 | 10/15/08 | 3.38 | 14 | 28 | 28,152 |
| 369 | Oneida... | 2.98 | | 29,720 00 | 14,860 00 | 8/29/06 | 100 | 12/30/07 | 2.98 | 14 | 22 | 24,516 |
| 370 | Oswego... | 0.48 | | 6,750 00 | 3,375 00 | 9/18/06 | 100 | 9/21/07 | 0.48 | 16 | 24-26 | 4,497 |
| †371 | Erie... | 5.06 | | 158,044 00 | 79,022 00 | 7/18/06 | 100 | 12/ 1/08 | 2.27 2.79 | 42-16 15 8 | 24-32 32 | 27,219 11,499 13,133 |
| †372 | Erie... | 6.14 | | 122,250 00 | 61,125 00 | 7/18/06 | 100 | 11/14/08 | 0.94 5.20 | 15 8 15 7 | 26 26 | 4,380 21,342 24,391 |
| 373 | Erie... | 8.76 | | 80,000 00 | 40,000 00 | 7/ 9/06 | 100 | 12/ 1/08 | 7.93 0.83 | 12 12 | 28 28 | 61,242 5,867 |
| 374 | Broome... | 3.36 | | 35,350 00 | 17,675 00 | 7/12/06 | 100 | 11/14/08 | 1.13 2.23 | 12 12 | 20-28 26-28 | 7,976 15,648 |
| 375 | Broome... | 0.62 | | 7,127 00 | 3,563 50 | 7/12/06 | 100 | 1/—/08 | 0.62 | 16 | 28 | 5,776 |
| 376 | Fulton... | 2.38 | | 25,400 00 | 14,732 00 | 9/20/07 | 100 | 11/—/08 | 2.38 | 12 | 24 | 16,730 |
| 377 | Cort... | 0.40 | | 4,000 00 | 2,000 00 | 7/10/06 | 100 | 7/30/07 | 0.40 | 16 | 26 | 3,744 |
| 378 | Cort... | 2.90 | | 29,480 42 | 14,740 21 | 7/10/06 | 100 | 1,15/09 | 2.90 | 12 | 24, 26 | 27,016 |
| 379 | Cort... | 0.90 | | 7,600 00 | 3,800 00 | 9/19/06 | 100 | 7/ 5/08 | 0.92 | 12 | 26 | 6,360 |
| 380 | Cort... | 4.39 | | 42,200 00 | 21,100 00 | 11/14/06 | 100 | 11/—/08 | 4.39 | 12 | 24 | 31,212 |
| 381 | Cort... | 2.72 | | 30,527 04 | 15,263 52 | 9/29/07 | 100 | 7/ 1/10 | 2.72 | 12-16 | 24, 28 | 20,621 |
| 382 | Orange... | 6.57 | | 64,700 00 | 32,350 00 | 12/17/07 | 100 | 11/ 2/08 | 6.57 | 14 | 26 | 54,036 |
| 383 | Cayuga... | 2.19 | | 21,397 32 | 10,698 66 | 7/12/06 | 100 | 3/ 1/08 | 2.19 | 16 | 24, 26 | 20,556 |
| 384 | Cayuga... | 3.17 | | 30,985 07 | 15,492 54 | 5/21/08 | 100 | 12/15/08 | 3.17 | 12 | 24-28 | 22,283 |
| 385 | Albany... | 5.14 | | 59,500 00 | 29,750 00 | 9/20/07 | 100 | 10/29/08 | 0.76 4.38 | 16 16 | 32 | 7,111 41,095 |
| 386 | Orleans... | 3.47 | | 23,040 00 | 11,520 00 | 8/31/06 | 100 | 3/ 4/08 | 3.47 | †12-16 | 28-32 | 28,931 |
| 387 | Orleans... | 5.69 | | 40,880 00 | 20,440 00 | 8/31/06 | 100 | 11/21/08 | 5.59 0.10 | 12-16 12 | 26-32 26-32 | 40,017 667 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|---------------|-----------|-----------------------|-----------------------------|-----------------------------|------------------|-------|------------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.572 | 10,700 | | | Oiled. | 338 |
| Li. | 4 | Li. | 2 | Sc. water | 0.636 | 10,760 | 1915 | 3.29 | Bit. Mac. | 339 |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.607 | 8,580 | | | Oiled. | 340 |
| Lo. St. 3, 3 | 6 | Tr. | 1 | Sc. water | 0.776 | 10,610 | 1917 | 2.51 | F. Con. | 341 |
| Lo. St. | 3 | Grv. | Av5 | | 0.130 | 7,370 | | | | 342 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.668 | 11,610 | 1913 | 2.23 | S. Con. BT. | 343 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.648 | 10,850 | | | Oiled. | 344 |
| Gn. | 3 | Gn. | 3 | Sc. water | 0.634 | 10,880 | | | Oiled. | 345 |
| Li. | 3 | Li. | 3 | Sc. water | 0.682 | 11,490 | | | | 346 |
| Set. | 3 | Gn. Li. | 3 | Ber. (1) | 0.938 | 13,855 | | | Oiled. | 347 |
| Li. 4, Li. 2 | 6 | Sy. | 12 | Sc. water | 1.111 | 14,745 | 1914 | 1.02 | Brick | 348 |
| | | | | | | | 1914 | 0.94 | 3" Bit. Mac. | 348 |
| App. St. | 4 | App. St. | 2 | Asp. (10) | 0.717 | 13,070 | | | | *349 |
| App. St. | 4 | App. St. | 3 | Asp. (10) | 0.802 | 13,870 | | | | |
| App. St. | 4 | App. St. | 3 | Asp. (10) | 0.893 | 14,720 | | | | 350 |
| Sub. | 6 | Set. | 3 | Asp. (10) | 0.664 | 10,600 | | | | |
| Grv. Con(d) (24) | 6 | | | Sc. HO (10) T (17) | 0.908 | 13,730 | | | | 351 |
| | | | | | | | | | | 352 |
| SCon(d)(1,6,24) | 5 | Brick(2,25) | 4 | | 2.353 | 45,825 | | | | *353 |
| Li. | 3 | Tr. | 3 | Sc. water | 0.816 | 12,900 | | | Oiled. | 354 |
| Li. | 3 | Li. | 3 | Sc. water | 0.865 | 10,610 | 1915 | 2.35 | Bit. Mac. | 355 |
| Li. | 3 | Tr. | 3 | Sc. water | 0.818 | 9,920 | 1915 | 0.36 | Hendersonian | 356 |
| Lo. St. | 3 | Tr. | 3 | Sc. water | 0.843 | 10,630 | | 7.03 | Oiled. | 357 |
| Lo. St. | 6 | Tr. | 1 | Li. Sc. | 1.135 | 13,370 | | | | 358 |
| Lo. St. | 3 | Gn. | 3 | Sc. water | 0.605 | 9,750 | 1915 | 1.89 | Bit. Mac. | 359 |
| Lo. St. | 3 | Tr. | 3 | Sc. water | 0.781 | 11,875 | 1914 | 0.85 | Bit. Mac. | 360 |
| Lo. St. | 3 | Tr. | 3 | Sc. water | 0.680 | 10,130 | 1913 | 2.22 | Bit. Mac. | 361 |
| Lo. St. Gn. | 3 | Gn. | 3 | Sc. water | 0.731 | 11,064 | 1914 | 1.12 | Bit. Mac. | 362 |
| | | | | | | | 1916 | 0.59 | Bit. Mac. 2" 16' | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.558 | 9,390 | 1913 | 1.37 | Bit. Mac. 3"-16' | 363 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.630 | 9,594 | | | | 364 |
| App. St. | 3 | Tr. 2, 1 | 3 | Sc. water | 0.673 | 6,320 | 1915 | 1.90 | WB. Mac. | 365 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.633 | 11,290 | | | | |
| Lo. St. | 6 | Lo. St. | 3 | Sc. water | 0.967 | 14,930 | 1915 | 6.62 | WB. Mac. | 366 |
| Lo. St. | 5 | Lo. St. | 3 | Sc. water | 0.855 | 13,830 | | | | 366A |
| App. St. | 4 | Li. | 2 | Sc. water | 0.635 | 10,045 | 1916 | 6.75 | 3" WB. Mac. | 1367 |
| Li. | 4 | Li. | 2 | Sc. water | 0.764 | 11,480 | | | Oiled. | 368 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.835 | 11,230 | | | Oiled. | 369 |
| Lo. St. | 4 | Tr. | 3 | Sc. water | 0.962 | 14,130 | | | Oiled. | 370 |
| S. Con. | 5 | Br. | 4 | | 2.750 | 33,360 | | | | |
| Li. | 3 | Br. | 4 | | 2.160 | 27,830 | 1913 | 2.71 | Brick | 1371 |
| Li. | 3 | Li. | 4 | Sc. water (Shoulders) | 1.212 | 18,930 | | | | |
| Li. | 4 | Br. | 4 | | 2.751 | 30,672 | | | | |
| Li. | 3 | Li. | 4 | Sc. water (Shoulders) | 1.310 | 17,145 | | | | 1372 |
| S Con. (d) | 5 | Br. | 4 | | 2.440 | 27,752 | | | | |
| Li. | 3 | Li. | 3 | Sc. water (Shoulders) | 0.990 | 14,141 | | | | |
| Li. | 3 | Li. | 3 | Sc. water | 0.650 | 9,995 | 1913 | 0.50 | Ro. Asp. | 373 |
| Li. | 5 | Li. Sc. water | 8 | | 0.840 | 11,780 | | | | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.683 | 10,930 | | | Oiled. | 374 |
| Lo. St. | 4 | Lo. St. | 4 | Sc. water | 0.917 | 13,070 | | | | |
| Lo. St. | 3 | Li. | 8 | Sc. water | 0.681 | 11,420 | | | Oiled. | 375 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.577 | 12,240 | 1915 | 2.38 | Bit. Mac. | 376 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.733 | 10,050 | 1917 | 0.42 | 6" F. Con. | 377 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.671 | 10,240 | | | Oiled. | 378 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.730 | 10,185 | | | Oiled. | 379 |
| Fld. | 4 | Li. | 2 | Sc. water | 0.750 | 11,320 | 1917 | 4.39 | 2 1/2" Bit. Mac. | 380 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.820 | 12,750 | 1917 | 3.72 | 2 1/2" Bit. Mac. | 381 |
| Set. | 3 | Tr. | 3 | Sc. water | 0.762 | 10,370 | | | | 382 |
| Li. | 4 | Li. | 2 | Sc. water | 0.691 | 9,770 | 1914 | 1.56 | Brick | 383 |
| | | | | T (17) | | | 1914 | 0.63 | Bit. Mac. | |
| Li. | 4 | Li. | 2 | Sc. water | 0.877 | 11,800 | 1917 | 0.24 | F. Con. -16' | 384 |
| Li. | 4 | Li. | 2 | Sc. water | 1.041 | 12,595 | 1912 | 2.21 | Bit. Mac. | 385 |
| Li. | 4 | Li. | 2 | Sc. water | 0.895 | 11,225 | 1913 | 2.90 | Bit. Mac. | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.537 | 10,810 | 1914 | 3.47 | WB. Mac. | 386 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.621 | 8,480 | 1917 | 5.69 | 3" WB. Mac. | 387 |
| Lo. St. | 5 | Lo. St. | 3 | Sc. water | 0.787 | 10,030 | | | | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 388 | Orleans.. | 3.42 | ..... | \$25,700 00 | \$12,850 00 | 7/ 9/06 | 100 | 8/24/08 | 3.42 | 12-20 | 24-32 | 26,680 |
| 389 | Orleans.. | 3.08 | ..... | 20,100 23 | 10,050 14 | 9/27/07 | 100 | 8/20/09 | 3.08 | 12 | 22-32 | 21,665 |
| 390 | Orleans.. | 2.79 | ..... | 18,941 41 | 9,470 66 | 9/27/07 | 100 | 8/20/09 | 2.79 | 12 | 24-32 | 19,656 |
| 391 | Orleans.. | 4.54 | ..... | 29,949 90 | 15,274 40 | 12/ 4/07 | 100 | 12/ 1/09 | 2.04 | 12 | 24-32 | 14,320 |
| | | | | | | | | | 2.50 | 12 | 24-32 | 17,600 |
| 392 | Orleans.. | 3.34 | ..... | 23,886 10 | 11,568 94 | 11/13/08 | 103 | 12/ 1/09 | 3.34 | 116 | 25-32 | 31,371 |
| 393 | Orleans.. | 3.61 | ..... | 31,893 57 | 15,946 78 | 6/ 1/10 | 100 | 1/18/11 | 3.61 | 14-16 | 30-32 | 32,287 |
| 394 | Orleans.. | 3.25 | ..... | 27,368 81 | 13,634 40 | 5/ 1/11 | 100 | 1/23/12 | 3.25 | 14 | 24, 30 | 26,640 |
| 395 | Orleans.. | 5.40 | ..... | 47,909 23 | 23,954 64 | 5/ 1/11 | 100 | 1/23/12 | 5.40 | 12-16 | 22-32 | 47,168 |
| *396 | Ontario | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 397 | Mont.. | 6.52 | ..... | 95,120 92 | 48,568 60 | 2/18/10 | 100 | 2/13/13 | 4.62 | 14 | ..... | 37,940 |
| | | | | | | | | | 1.90 | 14 | ..... | 15,623 |
| | | | | | | | | | 0.98 | 12 | 30 | 6,933 |
| 398 | Monroe | 2.76 | ..... | 39,531 05 | 19,765 49 | 12/18/07 | 100 | 12/ 1/09 | 1.21 | 12 | 28-30 | 8,534 |
| 398 | Orleans.. | 2.77 | ..... | ..... | ..... | ..... | ..... | ..... | 2.94 | 12 | 28-30 | 20,639 |
| | | | | | | | | | 0.40 | 17-18 | 28 | 4,216 |
| 399 | Monroe | 6.82 | ..... | 82,000 00 | 41,000 00 | 9/19/07 | 100 | 11/23/08 | 2.83 | 10 | 26, 32 | 26,565 |
| | | | | | | | | | 3.99 | 16 | ..... | 37,436 |
| 400 | Monroe | 0.93 | ..... | 8,800 00 | 4,400 00 | 9/24/07 | 100 | 8/ 7/08 | 0.93 | 16 | 22-32 | 8,976 |
| 401 | Monroe | 1.90 | ..... | 30,600 00 | 15,300 00 | 12/ 3/07 | 103 | 10/ 2/08 | 1.09 | 16 | ..... | 10,200 |
| | | | | | | | | | 0.81 | 14 | ..... | 7,032 |
| 402 | Monroe | 3.62 | ..... | 28,627 00 | 14,313 50 | 12/ 4/07 | 100 | 9/ 3/08 | 3.62 | 16 | 24-32 | 34,848 |
| 403 | Monroe | 2.08 | ..... | 21,300 00 | 10,650 00 | 11/26/07 | 100 | 11/—/08 | 1.72 | 14 | 24-32 | 14,156 |
| | | | | | | | | | 0.36 | 14 | 24-32 | 2,896 |
| *404 | Ontario | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 405 | West.. | 2.12 | ..... | 17,605 03 | 8,802 50 | 9/20/07 | 100 | 11/21/08 | 2.12 | 14 | 24, 26 | 17,232 |
| 406 | Oneida | 3.87 | ..... | 37,880 00 | 18,940 00 | 11/27/06 | 100 | 11/—/07 | 3.87 | 14 | 24 | 21,738 |
| *407 | Schenec. | 3.02 | ..... | 37,400 00 | 18,700 00 | 9/18/07 | 103 | 10/ 2/08 | 3.02 | 16 | 32 | 28,392 |
| 408 | Monroe | 2.43 | ..... | 26,000 00 | 13,000 00 | 11/26/07 | 100 | 9/13/08 | 0.83 | 14-16 | 20-22 | 7,347 |
| | | | | | | | | | 1.60 | 16 | 20-30 | 14,965 |
| *409 | Mont.. | 6.22 | ..... | 95,351 35 | 47,675 68 | 3/23/11 | 103 | 11/ 3/11 | 6.22 | 14 | 24 | 51,410 |
| 410 | Mont.. | 7.10 | ..... | ..... | ..... | 7/15/15 | 100 | 11/15/18 | 0.02 | 16 | 24 | 174 |
| | | | | | | | | | 7.08 | 14-16 | 24-26 | 53,977 |
| *411 | Orange.. | ..... | ..... | 13,312 20 | 11,938 89 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 412 | Orange.. | 5.74 | ..... | 77,214 03 | 38,607 04 | 11/17/08 | 103 | 9/13/10 | 5.74 | 14 | 26 | 47,052 |
| 413 | Orange.. | 3.26 | ..... | 42,633 63 | 21,316 82 | 11/17/08 | 100 | 10/24/09 | 3.26 | 14 | 26 | 21,749 |
| 414 | Orange.. | 5.54 | ..... | 31,824 17 | 15,912 09 | 6/27/10 | 100 | 1/22/13 | 5.54 | 16 | 22 | 52,027 |
| 415 | Orange.. | 3.01 | ..... | 43,918 03 | 21,959 01 | 4/25/11 | 100 | 5/ 7/12 | 3.01 | 14 | 24 | 24,719 |
| 416 | Orange.. | 5.89 | ..... | 105,909 31 | 52,954 66 | 4/27/11 | 100 | 1/18/11 | 5.89 | 14 | 24 | 43,228 |
| 417 | Warren | 7.56 | ..... | 82,700 00 | 41,350 00 | 7/10/06 | 100 | 1/10/07 | 7.56 | 16 | 24, 36 | 70,848 |
| 418 | Warren | 9.74 | ..... | 109,182 00 | 54,591 00 | 7/10/06 | 100 | 1/21/08 | 9.74 | 16-30 | 16-10 | 92,660 |
| 419 | Ulster.. | 1.95 | ..... | 22,638 82 | 11,988 23 | 7/12/06 | 100 | 4/24/15 | 0.63 | 14 | 26 | 5,227 |
| | | | | | | | | | 1.32 | 14 | 26-28 | 10,819 |
| 420 | Broome.. | 3.64 | ..... | 87,700 00 | 18,850 00 | 7/12/06 | 100 | 12/ 9/08 | 3.64 | 12, 16 | 28 | 27,900 |
| 421 | Broome.. | 7.82 | ..... | 84,100 00 | 44,573 00 | 12/ 2/07 | 100 | 11/26/08 | 7.82 | 14 | 26 | 64,228 |
| *422 | Ulster.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 423 | Jeff.. | 4.19 | ..... | 52,932 47 | 28,583 53 | 9/20/07 | 100 | 1/18/10 | 4.19 | 12-16 | 22-28 | 30,312 |
| 424 | Jeff.. | 1.60 | ..... | 11,900 00 | 5,950 00 | 11/16/06 | 100 | 11/ 1/07 | 1.60 | 12 | 26 | 11,260 |
| 425 | Jeff.. | 3.16 | ..... | 26,100 00 | 13,050 00 | 7/ 3/06 | 100 | 8/24/08 | 3.16 | 12-16 | 24, 36 | 26,249 |
| 426 | Jeff.. | 4.03 | ..... | 46,580 45 | 27,016 66 | 3/23/05 | 100 | 12/ 4/08 | 4.03 | 12-16 | 24-28 | 28,339 |
| 427 | Jeff.. | 5.45 | ..... | 42,184 15 | 21,092 07 | 7/ 7/06 | 100 | 8/23/07 | 5.45 | 12-16 | 22-26 | 40,444 |
| 428 | Jeff.. | 4.87 | ..... | 34,282 19 | 17,141 09 | 12/18/07 | 103 | 12/—/08 | 4.87 | 12 | 24 | 34,275 |
| 429 | Oneida | 2.79 | ..... | 24,778 00 | 12,389 00 | 7/ 9/06 | 100 | 5/29/08 | 2.79 | 12 | 24 | 19,603 |
| 430 | Oneida | 1.71 | ..... | 15,094 21 | 7,547 11 | 7/20/06 | 103 | 7/16/07 | 1.71 | 12 | 24 | 12,222 |
| 431 | Oneida | 2.50 | ..... | 28,700 00 | 14,350 00 | 7/20/06 | 100 | 9/17/08 | 2.50 | 12 | 22, 24 | 17,694 |
| 432 | Dutch.. | 3.20 | ..... | 37,725 00 | 18,862 50 | 8/31/06 | 100 | 11/—/08 | 3.20 | 16 | 26, 30 | 30,108 |
| *433 | Clinton | 4.00 | ..... | 38,925 00 | 19,462 50 | 9/ 1/05 | 103 | 9/23/08 | 0.39 | 120 | 26 | 4,471 |
| | | | | | | | | | 4.21 | 14 | 26 | 34,549 |
| 434 | Nassau.. | 1.69 | ..... | 16,323 53 | 8,161 79 | 7/10/06 | 100 | 10/—/07 | 1.69 | 115 | 26 | 14,926 |
| 435 | Nassau.. | 7.94 | ..... | 22,357 96 | 11,178 98 | 9/ 1/05 | 100 | 8/27/07 | 1.94 | 12, 16 | 24, 26 | 17,052 |
| 436 | Nassau.. | 6.98 | ..... | 87,150 00 | 43,575 00 | 9/ 1/06 | 100 | 11/—/07 | 6.98 | 16 | 26, 28 | 65,724 |
| 437 | Nassau.. | 7.09 | ..... | 81,000 00 | 40,500 00 | 9/20/07 | 103 | 11/ 2/08 | 7.09 | 14 | 26 | 58,622 |
| 438 | Oneida.. | 7.10 | ..... | 83,000 00 | 41,500 00 | 8/29/06 | 100 | 10/ 1/08 | 4.53 | 14 | 24 | 44,000 |
| | | | | | | | | | 2.57 | 14, 16 | 24, 26 | 15,571 |
| 439 | Renss.. | 3.78 | ..... | 44,150 00 | 26,048 50 | 9/20/07 | 100 | 9/ 4/08 | 3.78 | 12 | 22-26 | 27,365 |

* See list by counties. † Changed from original plans.

† This cost transferred to Hy. No. 5488.

1898 TO DECEMBER 31, 1918—(Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|--------------|-----------|---------------|-----------------------------|-----------------------------|------------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 4 | Gra. | 3 | Sc. water | 0.633 | 8,360 | | | Oiled | 1388 |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.536 | 7,620 | | | Oiled | 389 |
| Li. | 3 | Li. | 3 | Sc. water | 0.526 | 7,895 | 1917 | 2.80 | 24" Bit. Mac. | 390 |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.401 | 7,195 | | | | 391 |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.472 | 7,865 | | | | |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.467 | 7,030 | 1916 | 1.46 | 3" WB. Ca. Cl. | 392 |
| Gra. | 4 | Gra. | 2 | Asp. (3) | 0.689 | 8,970 | | | Oiled | 393 |
| Set. | 3 | Gra. | 3 | Asp. (3) | 0.634 | 9,105 | | | | 394 |
| Ga. | 3 | Li. | 3 | Asp. (3) | 0.633 | 24,255 | | | | 395 |
| | | | | | | | | | | *396 |
| Gra. | 4 | Li. | 2 | Asp. (3) | 0.706 | 15,265 | | | | 397 |
| Ga. | 4 | Lo. St. | 2 1/2 | Asp. (3) | 0.765 | 15,815 | | | | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.558 | 12,595 | | | | |
| Lo. St. | 4 | Lo. St. | 3 | Sc. water | 0.635 | 13,315 | | | Oiled | 398 |
| Lo. St. | 5 | Lo. St. | 3 | Sc. water | 0.711 | 13,925 | | | | |
| Lo. St. | 4 1/2 | Lo. St. | 3 | Sc. water | 0.660 | 13,555 | | | | |
| Li. | 5 | Li. | 3 | Sc. water | 0.992 | 11,670 | 1916 | 1.42 | 3" WB. Ca. Cl. | 399 |
| Li. | 5 | Li. | 3 | Sc. water | 1.046 | 12,180 | 1916 | 5.40 | Oiled | |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.625 | 9,300 | | | Oiled | 400 |
| S Con. (d.) | 5 | Br. | 4 | Sc. water | 0.200 | 21,335 | | | Oiled | 401 |
| Li. | 5 | Li. | 3 | Sc. water | 0.761 | 9,705 | | | Oiled | |
| Lo. St. | 4 | Li. | 3 | Sc. water | 0.532 | 7,700 | | | Oiled | 402 |
| Sub. | 6 | Li. | 4 | Sc. water | 0.859 | 11,480 | | | Oiled | 403 |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.607 | 9,120 | | | Oiled | |
| | | | | | | | | | | *404 |
| Ga. | 3 | Tr. | 3 | Sc. water | 0.762 | 9,290 | | | Oiled | 405 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.772 | 10,810 | | | Oiled | 406 |
| Lo. St. † | 3 | Lo. St. † | 3 | Sc. water | 0.591 | 8,770 | 1914 | 3.02 | Bit. Mac. | †407 |
| Li. | 4 | Li. | 3 | Sc. water | 0.714 | 11,090 | | | Oiled | 408 |
| Li. | 3 | Li. | 3 | Sc. water | 0.618 | 10,130 | | | Oiled | |
| Lo. St. | 4 | Li. | 2 | Asp. (1) M.M. | 1.152 | 16,635 | | | | †409 |
| S Con. | 5 | St. Blk. | 5 | Sc. water | | | | | | 410 |
| Sub. | 6 | App. St. | 3 | Sc. water | | | | | | *411 |
| Set. | 3 | Set. | 3 | Asp. (10) | 0.815 | 14,420 | | | | †412 |
| Set. | 3 | Qrs. | 3 | Asp. () | 0.838 | 14,130 | | | | †413 |
| | | Grr. | 4 | Sc. water | 0.168 | 6,340 | | | Oiled | 414 |
| Set. | 3 | Qrs. | 3 | Ber. (1) | 0.754 | 15,810 | | | Oiled | 415 |
| Sub. | 8 | Grr. | 3 | Sc. water | 0.609 | 18,740 | | | Oiled | 416 |
| Li. 4", Tr. 2" | 6 | Tr. | 1 | Sc. water | 0.806 | 10,940 | 1912 | 7.56 | Bit. Mac. | 417 |
| Ga. | 3 | Tr. | 3 | Sc. water | 0.654 | 11,130 | 1912 | 9.74 | Bit. Mac. | 418 |
| Sub. 6", St. 2" | 8 | App. St. | 3 | HC. T. (17) | 0.934 | 12,840 | | | | 419 |
| App. St. | 5 | App. St. | 3 | HC. T. (17) | 0.889 | 12,410 | | | | |
| Lo. St. | 3 | Li. | 3 | Sc. water | 0.813 | 12,190 | 1917 | 0.28 | F. Con. | 420 |
| | | | | | | | 1917 | 2.54 | 3" Bit. Mac. | |
| Lo. St. | 4 | Tr. | 2 | Sc. water | 0.771 | 11,670 | | | Oiled | 421 |
| | | | | | | | | | | *422 |
| Li. | 4 | Li. | 2 | Sc. water | 1.186 | 15,420 | 1916 | 3.21 | 2" Bit. Mac. | 423 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.647 | 8,950 | | | | 424 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.615 | 8,920 | | | Oiled | 425 |
| Lo. St. | 4 | Grr. | 2 | Sc. water | 0.988 | 13,970 | | | Oiled | 426 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.646 | 9,220 | 1913 | 0.20 | Brick | 427 |
| Lo. St. | 4 | Li. | 2 | Sc. water | 0.630 | 8,600 | | | Oiled | 428 |
| Li. | 4 | Li. | 2 | Sc. water | 0.702 | 10,710 | 1913 | 2.79 | WB. Mac. | 429 |
| Li. | 4 | Li. | 2 | Sc. water | 0.736 | 10,440 | 1915 | 1.72 | Bit. Mac. | 430 |
| Li. | 4 | Li. | 2 | Sc. water | 0.900 | 13,550 | 1915 | 2.50 | Bit. Mac. | 431 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.560 | 11,800 | 1914 | 3.20 | Bit. Mac. | 432 |
| Lo. St. | 3 | Lo. & Li. | 3 | Sc. water | 0.674 | 9,240 | | | | †433 |
| Lo. St. | 3 | Lo. & Li. | 3 | Sc. water | 0.653 | 9,040 | | | | |
| Lo. St. | 3 | Tr. 2, Tr. 1 | 3 | Sc. water | 0.792 | 10,100 | 1916 | 0.34 | 2 1/2" Bit. Mac. | 434 |
| App. St. | 3 | Tr. 2, Tr. 1 | 3 | Sc. water | 0.750 | 11,930 | 1914 | 0.88 | 3" Bit. Mac. | 435 |
| | | | | | | | 1916 | 0.70 | 2 1/2" Bit. Mac. | |
| App. St. | 3 | Tr. 2, Tr. 1 | 3 | Sc. water | 1.137 | 12,400 | 1914 | 2.90 | Bit. Mac. | 436 |
| | | | | | | | 1917 | 2.50 | Bit. Mac. | |
| Tr. | 3 | Tr. | 3 | Sc. water | 0.996 | 12,520 | | | | 437 |
| Grr. 6", Li. 4" | 10 | Li. | 2 | Sc. water | 1.186 | 13,568 | 1917 | 4.22 | 3" Bit. Mac. | 438 |
| Li. | 4 | Li. | 2 | Sc. water | 0.876 | 10,633 | | | | |
| Set. | 3 | Set. | 3 | Sc. water | 0.619 | 13,000 | 1917 | 2.56 | 3" Bit. Mac. | 439 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 440 | Jeff.... | 5.39 | ..... | \$55,500 00 | \$55,500 00 | 11/19/08 | 100 | 1/15/10 | 5.39 | 12 | 24 | 37,965 |
| 441 | Saratoga | 8.32 | ..... | 68,700 00 | 34,350 00 | 8/31/06 | 100 | 10/ 9/08 | 8.32 | 14 | 24, 26 | 68,184 |
| 442 | Saratoga | 6.14 | ..... | 44,445 50 | 26,667 30 | 9/19/07 | 100 | 12/10/09 | 6.14 | 12 | 26 | 43,200 |
| 443 | Saratoga | 6.23 | ..... | 57,126 00 | 29,283 42 | 9/20/07 | 100 | 11/ 5/08 | 0.15 | 14 | 30 | 1,244 |
| 444 | Broome. | 1.14 | ..... | 10,760 66 | 5,380 33 | 11/18/08 | 100 | 9/18/09 | 6.11 | 14 | 24-30 | 51,696 |
| 445 | Broome. | 2.71 | ..... | 34,220 00 | 19,163 20 | 12/20/07 | 100 | 11/26/08 | 1.14 | 16 | 28 | 10,701 |
| 446 | Cort.... | 1.35 | ..... | 10,892 31 | 5,446 16 | 7/10/06 | 100 | 10/11/07 | 2.71 | 12 | 22-26 | 19,047 |
| 447 | Orange.. | 5.86 | ..... | 114,217 61 | 57,108 81 | 6/11/12 | 100 | 12/ 0/13 | 1.35 | 16 | 28 | 12,702 |
| 448 | Orange.. | 3.63 | ..... | 35,450 08 | 17,729 54 | 10/29/15 | 100 | 1/ 7/18 | 5.86 | 14 | 24 | 48,672 |
| 449 | Orange.. | 3.17 | ..... | ..... | ..... | 11/ 1/15 | 100 | 7/23/18 | 3.63 | 11 | 26 | 29,870 |
| 450 | Oswego.. | 1.92 | ..... | 24,144 37 | 12,796 52 | 9/20/07 | 100 | 12/-/09 | 3.17 | 14 | 24-26 | 26,063 |
| 451 | Oswego.. | 1.30 | ..... | 15,293 60 | 8,106 61 | 1/14/08 | 100 | 6/30/10 | 1.92 | 12-16 | 20 | 15,602 |
| 452 | Onond. | 3.53 | ..... | 38,810 97 | 19,405 49 | 7/ 9/06 | 100 | 8/26/10 | 1.30 | 12 | 24 | 9,134 |
| 453 | Dutch... | 4.00 | ..... | 48,260 00 | 24,130 00 | 7/10/06 | 100 | 10/29/08 | 3.53 | 16 | 26 | 33,516 |
| 454 | Tomp.... | 3.64 | ..... | 37,485 50 | 18,742 75 | 8/30/06 | 100 | 6/-/08 | 4.00 | 16 | 25-32 | 37,512 |
| 455 | Tomp.... | 0.34 | ..... | 4,130 30 | 2,065 15 | 8/30/06 | 100 | 11/ 1/08 | 3.64 | 16 | 24-28 | 34,132 |
| 456 | Herk.... | 5.35 | ..... | 50,389 35 | 28,194 67 | 7/19/09 | 100 | 11/16/08 | 0.34 | 12 | 28 | 2,484 |
| 457 | Herk.... | 5.27 | ..... | 65,700 00 | 32,850 00 | 7/ 9/06 | 100 | 12/14/08 | 5.12 | 16, 21 | 26 | 48,214 |
| 458 | Herk.... | 3.69 | ..... | 37,425 03 | 18,712 50 | 7/10/06 | 100 | 11/ 5/08 | 0.23 | 16 | 26 | 2,122 |
| 459 | Herk.... | 5.50 | ..... | 62,200 03 | 31,100 00 | 7/ 9/06 | 100 | 10/ 6/08 | 5.27 | 16 | 26 | 49,504 |
| 460 | Herk.... | 6.30 | ..... | 92,031 00 | 46,015 50 | 7/10/06 | 100 | 12/ 2/08 | 3.69 | 16 | 26 | 34,637 |
| 461 | Herk.... | 5.96 | ..... | 74,900 03 | 44,298 33 | 10/22/08 | 100 | 11/ 2/08 | 5.50 | 12, 16 | 26 | 51,630 |
| 462 | Herk.... | 9.91 | ..... | 182,665 83 | 100,451 24 | 12/ 2/07 | 100 | 1/ 8/13 | 6.30 | 14-16 | 24, 30 | 50,880 |
| 463 | Herk.... | 5.39 | ..... | 69,283 36 | 39,934 72 | 12/ 3/08 | 100 | 1/28/12 | 5.96 | 14-16 | 24, 30 | 49,156 |
| 464 | Herk.... | 5.46 | ..... | 52,579 87 | 34,702 71 | 11/12/08 | 100 | 12/14/10 | 8.45 | 12 | 32 | 59,478 |
| 465 | Herk.... | 5.42 | ..... | 54,409 57 | 35,910 32 | 4/25/11 | 100 | 10/11/12 | 1.46 | 12 | 32 | 10,262 |
| 466 | Herk.... | 5.49 | ..... | 76,979 56 | 46,187 74 | 5/ 3/11 | 100 | 2/ 3/14 | 5.39 | 14 | 24 | 44,246 |
| † 467 | Herk.... | 6.92 | ..... | 98,100 14 | 62,758 78 | 4/24/12 | 100 | 1/ 4/14 | 5.46 | 14 | 24, 30 | 46,224 |
| 468 | Herk.... | 5.55 | ..... | ..... | ..... | 7/23/14 | 100 | 8/27/18 | 5.42 | 14 | 28 | 44,440 |
| *469 | Herk.... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.54 | 14 | 24-26 | 4,403 |
| *470 | Herk.... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.94 | 14 | 24-26 | 32,384 |
| *471 | Herk.... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.45 | 14 | 24-26 | 3,681 |
| 472 | Herk.... | 6.15 | ..... | 69,263 87 | 45,186 68 | 10/20/14 | 100 | 7/26/16 | 0.17 | 14 | 24-26 | 1,431 |
| *473 | Herk.... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.39 | 16 | 28 | 3,683 |
| 474 | Monroe. | 1.95 | ..... | 18,600 00 | 9,300 00 | 11/26/07 | 100 | 11/18/08 | 4.70 | 14-16 | 28-32 | 39,551 |
| 475 | Niagara. | 2.42 | ..... | 30,500 00 | 15,250 00 | 9/ 8/06 | 100 | 1/-/08 | 2.22 | 16 | 28-32 | 20,848 |
| 476 | Clinton. | 5.38 | ..... | 57,150 00 | 28,785 00 | 8/31/06 | 100 | 7/13/08 | 5.55 | 16 | 28 | 52,051 |
| 477 | Renss.. | 6.43 | ..... | 53,950 00 | 26,975 00 | 11/18/07 | 100 | 11/10/08 | 6.43 | 14 | 24 | 45,600 |
| 478 | Renss.. | 3.21 | ..... | 30,320 00 | 15,160 00 | 11/18/07 | 100 | 11/28/08 | 0.13 | 14 | 26 | 20,554 |
| 479 | Monroe. | 0.27 | ..... | 3,700 00 | 1,850 00 | 11/26/07 | 100 | 6/12/08 | 0.13 | 14 | 28-30 | 36,770 |
| 480 | Monroe. | 3.62 | ..... | 35,248 40 | 17,624 20 | 11/12/08 | 100 | 11/29/09 | 3.08 | 14 | 28-30 | 1,036 |
| 481 | Monroe. | 0.99 | ..... | 14,400 00 | 7,200 00 | 11/12/08 | 100 | 8/15/09 | 0.13 | 16 | 22-28 | 25,317 |
| 482 | Livings. | 2.23 | ..... | 25,000 00 | 12,500 00 | 7/11/06 | 100 | 11/ 8/07 | 0.14 | 16 | 22-28 | 1,244 |
| 483 | Tomp.... | 4.44 | ..... | 45,171 43 | 26,428 37 | 8/30/06 | 100 | 1/18/10 | 3.02 | 16 | 24-30 | 1,321 |
| 484 | Ontario. | 6.79 | ..... | 48,875 48 | 24,437 74 | 7/ 9/06 | 100 | 8/28/07 | 0.99 | 16 | 22 | 28,361 |
| 485 | Ontario. | 3.76 | ..... | 32,300 00 | 16,150 00 | 1/20/08 | 100 | 10/28/08 | 2.23 | 16 | 32 | 9,308 |
| 486 | Onond. | 3.37 | ..... | 36,485 00 | 18,242 50 | 11/10/06 | 100 | 12/13/08 | 4.44 | †12-16 | 22, 26 | 21,348 |
| 487 | Onond. | 3.66 | ..... | 41,673 66 | 20,836 83 | 11/10/06 | 100 | 11/ 2/08 | 6.79 | 12-16 | 24-32 | 35,418 |
| 488 | Onond. | 2.02 | ..... | 17,760 85 | 8,880 43 | 10/18/07 | 100 | 7/20/09 | 2.02 | 12 | 28 | 49,580 |

*See list by counties.

† See Hy. No. 830.

† Changed from original plans.

1898 TO DECEMBER 31, 1918—(Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|----------------|-----------|----------------|-----------------------------|-----------------------------|------------------|-------|------------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 10'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. | 8 | Ga. t. | 3 | Asp. (10) | 0.980 | 12,730 | | | | 440 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.687 | 9,070 | 1913 | 2.66 | Bit. Mac. | 441 |
| App. St. | 4 | Tr. | 2 | Sc., water | 0.656 | 8,110 | 1914 | 3.16 | Bit. Mac. | |
| App. St. | 3 | Tr. | 3 | Sc., water | 0.448 | 6,798 | 1915 | 2.50 | Bit. Mac. | |
| Lo. St. | 4 | Tr. or Sy. | 2 | Sc., water | 0.723 | 9,330 | | | Oiled | 442 |
| Lo. St. | 4 | Tr. | 2 | Sc., water | 0.668 | 9,440 | | | Bit. Mac. | 443 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.811 | 14,690 | | | | 444 |
| Dol. | 3 | Dol. | 3 | Asp. (7) | 0.601 | 8,070 | | | | 445 |
| Sub. | 6 | Set. | 3 | Asp. (11) | 0.782 | 20,330 | | | | 446 |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.657 | 10,540 | | | | 447 |
| Li. | 4 | Li. | 2 | Sc., water | 0.808 | 13,695 | | | | 448 |
| Li. | 4 | Li. | 2 | Sc., water | 0.857 | 13,925 | 1914 | 1.31 | Bit. Mac. | 449 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.707 | 11,025 | | | Oiled | 450 |
| Lo. St. | 3 | Tr. | 2 | Sc., water | 0.732 | 11,040 | | | Oiled | 451 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.603 | 10,200 | 1916 | 3.04 | Bit. Mac. | 452 |
| Lo. St. | 4 | Li. | 2 | Sc., water | 0.722 | 13,650 | | | Oiled | 453 |
| Ga. | 3 | Ga. | 3 | Sc., water | 0.627 | 10,685 | | | Oiled | 454 |
| Ga. | 4 | Ga. | 2 | Sc., water | 0.608 | 10,505 | | | | 455 |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.727 | 12,460 | 1913 | 2.76 | Bit. Mac. | 457 |
| Lo. St. | 3 | Tr. | 3 | Sc., water | 0.603 | 10,140 | 1912 | 1.44 | Bit. Mac. | |
| Lo. St. | 3 | Tr. | 3 | Sc., water | 0.815 | 11,340 | 1913 | 0.32 | Bit. Mac. | |
| Lo. St. | 3 | Lo. St. | 3 | Sc., water | 0.610 | 15,420 | 1914 | 1.30 | Bit. Mac. | 458 |
| Dol. | 3 | Tr. | 3 | Sc., water | 0.646 | 13,560 | | | Bit. Mac. | 459 |
| Lo. St. | 3 | Ga. | 3 | Sc., water | 0.753 | 18,425 | 1915 | 8.79 | WB. 4' x 6' | 460 |
| Lo. St. | 3 | Ga. | 3 | Sc., water | 0.955 | 20,315 | 1917 | 9.91 | 2 1/2" B. M. 16' | 461 |
| Ga. | 3 | Sy., Ga. | 3 | Sc., water | 0.672 | 13,900 | 1915 | 5.37 | WB. oiled. | 462 |
| Ga. | 3 | Ga. | 3 | Sc., water | 0.600 | 10,170 | | | Oiled | 463 |
| Li. | 3 | Li. | 3 | Sc., water | 0.599 | 10,515 | | | Oiled | 464 |
| Flt. | 3 | Ga. | 3 | Sc., water | 0.624 | 14,630 | | | | 465 |
| Flt. | 3 | Ga. | 3 | Sc., water | 0.584 | 14,250 | | | | 466 |
| Rock Fill. | 4 | Ga. | 3 | Sc., water | 0.342 | 11,980 | | | Oiled | 467 |
| Flt. | 3 | Ga. | 3 | Sc., water | 0.664 | 15,000 | | | | 468 |
| Lo. St. | 3 | Ga. | 3 | Asp. (2) | 0.775 | 16,050 | | | | 469 |
| Lo. St. | 3 | Li. | 3 | Ber. (1) | 1.028 | 15,022 | | | | 470 |
| Lo. St. | 3 | Li. | 3 | Asp. (4) | 0.895 | 13,775 | | | | 471 |
| Sub. | 6 | Lo. St. | 3 | Sc., water | | | | | | 472 |
| Sub. | 6 | Set. | 2 | Asp. (10) (11) | 0.778 | 12,030 | | | | 473 |
| (Shoulders) | 6 | Grv. | 3 | | 0.125 | | | | | 474 |
| Lo. St. | 3 | Li. | 3 | Sc., water | 0.571 | 9,540 | | | | 475 |
| Lo. St. | 3 | Li. | 3 | Sc., water | 0.667 | 12,600 | 1916 | 2.22 | 2 1/2" Bit. Mac. | 476 |
| Lo. St. | 3 | Li. | 3 | Sc., water | 0.625 | 11,245 | 1916 | 5.38 | 2 1/2" Bit. Mac. | 477 |
| Tr. t. | 3 | Tr. t. | 3 | | 0.825 | 12,470 | | | | 478 |
| App. St. | 3 | Grv. | 5 | | 0.179 | 6,410 | | | | 479 |
| App. St. | 3 | App. St. | 3 | Sc., water | 0.633 | 9,420 | 1917 | 3.21 | 3" Bit. Mac. | 480 |
| Li. | 3 | Li. | 3 | Sc., water | 0.717 | 10,204 | | | | 481 |
| Li. | 5 | Li. | 3 | Sc., water | 1.046 | 15,012 | | | | 482 |
| Li. | 3 | Li. | 3 | Sc., water | 0.805 | 12,750 | | | | 483 |
| Dol. | 3 | Li. | 3 | Rock Asp. | 0.941 | 11,560 | | | | 484 |
| Li. | 3 | Li. | 3 | Rock Asp. | 1.046 | 14,890 | | | | 485 |
| Li. | 3 | Li. | 3 | Sc., water | 0.792 | 14,240 | 1917 | 2.23 | 2 1/2" Bit. Mac. | 486 |
| Flt. | 4 | Li. | 2 | Sc., water | 0.611 | 10,170 | 1916 | 1.82 | 2 1/2" Bit. Mac. | 487 |
| Li. or Lo. St. | 3 | Li. or Lo. St. | 3 | Sc., water | 0.594 | 8,440 | 1913 | 1.11 | Bit. Mac. | 488 |
| Lo. St. | 3 | Li. | 3 | Sc., water | 0.716 | 9,992 | 1915 | 5.68 | WB. Mac. | 489 |
| Li. | 4 | Li. | 2 | Sc., water | 0.892 | 12,530 | 1917 | 3.77 | 2 1/2" Bit. Mac. | 490 |
| Li. | 3 | Li. | 2 | Sc., water | 0.799 | 12,010 | 1917 | 3.66 | 3" WB. Mac. | 491 |
| Li. | 4 | Li. | 2 | Sc., water | 0.683 | 10,250 | | | | 492 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 489 | Onon... | 4.44 | ..... | \$47,093 62 | \$24,827 76 | 11/12/08 | 100 | 11/20/09 | 4.44 | 12-16 | 24-30 | 31,608 |
| 490 | Renss... | 6.36 | ..... | 26,925 00 | 13,462 50 | 11/28/07 | 100 | 11/ 2/08 | 6.36 | 16 | 22, 24 | 59,699 |
| 491 | Monroe. | 1.01 | ..... | 9,705 78 | 4,852 89 | 11/12/08 | 100 | 11/22/09 | 1.01 | 14 | 32 | 8,235 |
| 492 | Monroe. | 5.75 | ..... | 46,454 02 | 23,227 01 | 4/ 9/10 | 100 | 1/23/12 | 5.75 | 16 | 32 | 53,954 |
| 493 | Monroe. | 5.71 | ..... | 53,826 02 | 26,913 01 | 11/12/08 | 100 | 12/1/09 | 5.55 | 14 | 32 | 46,476 |
| 493A | Monroe. | 0.48 | ..... | 10,600 00 | 5,300 00 | 4/25/12 | 100 | 11/ 3/12 | 0.16 | 14 | 32 | 1,344 |
| 494 | Monroe. | 4.43 | ..... | 49,330 43 | 24,665 21 | 4/ 7/10 | 100 | 9/12/11 | 0.48 | 14, 16 | 22, 32 | 4,081 |
| 495 | Monroe. | 6.15 | ..... | 56,283 57 | 28,141 78 | 5/ 1/11 | 100 | 1/ 8/13 | 5.13 | 16 | 32 | 41,583 |
| 495A | Monroe. | 0.24 | ..... | 10,743 61 | 4,483 09 | 5/22/14 | 100 | 10/ 4/14 | 1.02 | 16 | 32 | 9,573 |
| *496 | Monroe. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.24 | 16-40 | 40 | 3,748 |
| 497 | Monroe. | 2.67 | ..... | 19,331 73 | 9,665 85 | 5/ 1/11 | 100 | 3/13/12 | 2.67 | 10-12 | 24 | 16,500 |
| *498 | Orange. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 499 | Orange. | ..... | 9.18 | 132,500 00 | 72,590 00 | 6/12/16 | 11 | ..... | 4.67 | 12-16 | 28-28 | 42,777 |
| *500 | Orange. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.48 | 16 | 26-28 | 13,959 |
| *501 | Orange. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.03 | 12-16 | 26-28 | 28,246 |
| 502 | Monroe. | 5.19 | ..... | 57,770 44 | 28,885 22 | 5/ 1/11 | 100 | 9/ 4/12 | 5.19 | 14-16 | 26-44 | 42,696 |
| 503 | West... | 7.31 | ..... | 94,500 00 | 47,250 00 | 10/16/07 | 100 | 12/11/08 | 7.31 | 16-22 | 26, 32 | 89,256 |
| 504 | Renss... | 1.69 | ..... | 18,583 23 | 9,291 62 | 11/12/08 | 100 | 6/10/10 | 1.69 | 16 | 26 | 15,888 |
| 505 | Chen... | 4.59 | ..... | 45,448 00 | 22,724 00 | 11/10/06 | 100 | 6/15/08 | 4.59 | 12-16 | 22, 25 | 35,109 |
| 506 | Madison. | 2.18 | ..... | 21,700 00 | 10,850 00 | 7/ 6/06 | 100 | 12/10/07 | 2.18 | 12 | 20-30 | 15,534 |
| 507 | Niagara. | 4.67 | ..... | 45,600 00 | 22,800 00 | 7/ 9/06 | 100 | 7/ 5/08 | 4.67 | 16 | 32-40 | 43,815 |
| 508 | Albany.. | 4.44 | ..... | 37,625 00 | 18,812 50 | 9/20/07 | 100 | 10/ 5/08 | 4.44 | 14-20 | 26-32 | 37,440 |
| 509 | Oswego.. | 5.40 | ..... | 49,495 70 | 24,747 85 | 7/ 6/06 | 100 | 11/30/07 | 5.40 | 16 | 22-26 | 51,336 |
| 510 | Cort... | 4.17 | ..... | 27,868 00 | 13,933 00 | 7/10/06 | 100 | 10/30/08 | 4.17 | 12 | 26 | 29,556 |
| 511 | Mont... | 3.81 | ..... | 38,304 85 | 20,822 25 | 7/20/15 | 100 | 12/18/16 | 3.81 | 14 | 26 | 31,256 |
| 512 | Mont... | ..... | 4.56 | 42,514 92 | 22,638 52 | 11/12/15 | 95 | ..... | 4.56 | 14 | 24 | 37,556 |
| 513 | Mont... | ..... | 2.49 | 25,100 00 | 13,416 00 | 10/31/16 | 55 | ..... | 2.49 | 12 | 24 | 17,566 |
| *514 | Mont... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 515 | Mont... | ..... | 1.61 | 20,600 00 | 13,390 00 | 11/ 2/16 | 25 | ..... | 1.61 | 14 | 26 | 13,260 |
| *516 | Mont... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *517 | Mont... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *518 | Mont... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 519 | West... | 3.91 | ..... | 42,470 00 | 21,235 00 | 9/20/07 | 100 | 11/—/08 | 3.91 | 14 | 26 | 31,944 |
| 520 | West... | 3.55 | ..... | 37,750 00 | 18,875 00 | 9/20/07 | 100 | 9/18/08 | 3.55 | 14 | 26 | 29,148 |
| 521 | St. Law. | 8.62 | ..... | 86,407 12 | 54,069 60 | 9/20/07 | 100 | 7/14/10 | 7.86 | 12 | 26 | 55,327 |
| 522 | Erie... | 4.74 | ..... | 39,112 89 | 19,556 44 | 6/30/06 | 100 | 9/17/07 | 0.04 | 12 | 26 | 267 |
| 523 | Erie... | 8.86 | ..... | 113,979 27 | 58,950 19 | 7/ 9/06 | 100 | 1 / 2/10 | 0.29 | 12 | 26 | 2,067 |
| 524 | Erie... | 5.42 | ..... | 70,300 00 | 36,556 00 | 9/17/07 | 100 | 11/18/08 | 0.22 | 12 | 26 | 1,566 |
| 525 | Erie... | 3.27 | ..... | 38,400 00 | 20,352 00 | 9/20/07 | 100 | 11/29/08 | 0.21 | 12 | 26 | 1,433 |
| 525A | Erie... | 0.59 | ..... | 6,083 80 | 3,224 41 | 5/28/10 | 100 | 12/ 1/10 | 4.74 | 12 | 22, 32 | 33,370 |
| 525B | Erie... | 0.28 | ..... | 4,487 73 | 2,917 03 | 6/17/16 | 100 | 10/27/16 | 8.86 | 16 | 22-38 | 83,166 |
| 526 | Erie... | 3.96 | ..... | 56,569 75 | 29,981 97 | 9/20/07 | 100 | 5/27/10 | 0.28 | 16 | 28 | 2,610 |
| 527 | Erie... | 9.47 | ..... | 105,977 34 | 59,627 10 | 9/20/07 | 100 | 8/30/10 | 0.40 | 12 | 32 | 2,832 |
| 528 | Erie... | 7.34 | ..... | 101,318 41 | 51,672 39 | 9/20/07 | 100 | 11/17/10 | 3.56 | 16 | 32 | 25,077 |
| 529 | Erie... | 6.02 | ..... | 47,800 00 | 24,684 49 | 9/20/07 | 100 | 1/—/09 | 9.47 | 16 | 22, 32 | 88,892 |
| 530 | Erie... | 1.81 | ..... | 14,000 00 | 7,000 00 | 9/20/07 | 100 | 11/—/08 | 7.34 | 16 | 24, 32 | 69,600 |
| 531 | Erie... | 2.59 | ..... | 19,100 00 | 9,550 00 | 12/18/07 | 100 | 12/—/08 | 6.02 | 12-16 | 32 | 49,144 |
| 532 | Erie... | 1.87 | ..... | 11,000 00 | 5,500 00 | 12/18/07 | 100 | 12/—/08 | 1.81 | 16 | 32 | 16,990 |
| 533 | Clinton. | 6.31 | ..... | 58,250 00 | 44,270 00 | 9/19/07 | 100 | 9/15/08 | 2.59 | 14 | 24-36 | 21,306 |
| | | | | | | | | | 1.87 | 12 | 26-32 | 13,165 |
| | | | | | | | | | 6.31 | 14 | 28 | 54,350 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|---------------|-----------|-----------------|----------------|-----------------------------|-----------------------------|-------------------------------------|-------|-------------|------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| Lo. St. | 4 | Li. | 2 | Asp. (10) | | 0.786 | 12,300 | { 1914 2.14 Bit. Mac. } 489 | | | |
| | | | | | | | | { 1914 2.30 Oiled | | | |
| Lo. St. | 5 | Grv. | 5 | So. water | | 0.181 | 4,230 | { 1915 1.43 Bit. Mac. } 490 | | | |
| Dol. | 3 | Li. | 3 | So. water | | 0.647 | 9,600 | { 1915 Oiled | | 491 | |
| Lo. | 3 | Li. | 3 | So. water | | 0.446 | 7,760 | { 1915 Oiled | | 492 | |
| Lo. | 3 | Li. | 3 | So. water | Asp. (10) | 0.604 | 10,000 | { 1918 3.83 Bit. Mac. } 493 | | | |
| Li. | 4 | Gn. | 5 | Roo Mac. | | 0.734 | 11,220 | { 1918 Oiled | | 493A | |
| Li. | 4 | Li. | 12 | Asp. (10) | | 0.871 | 22,950 | { 1918 Oiled | | 494 | |
| Li. | 3 | Dol. | 3 | Asp. (10) | | 0.870 | 10,930 | { 1918 Oiled | | 494 | |
| Sub. | 6 | Dol. | 4 | Asp. (10) | | 0.628 | 8,855 | { 1918 Oiled | | 495 | |
| S. Com. | 5 | Brick. | 4 | Asp. (10) | | 0.616 | 9,024 | { 1918 Oiled | | 495A | |
| | | | | | | 2.094 | 29,835 | { 1918 Oiled | | *496 | |
| Grn. | 4 | Grn. | 3 | So. water | | 0.569 | 9,060 | { 1918 Oiled | | 497 | |
| | | | | | | | | { 1918 Oiled | | *498 | |
| Sub. | 6 | App. St. | 3 | Asp. | | 0.781 | 12,600 | { 1918 Oiled | | | |
| Sub. & App. St. | 8 | App. St. | 3 | Asp. | | 1.064 | 15,260 | { 1918 Oiled | | 499 | |
| App. St. | 5 | App. St. | 3 | Asp. | | 0.927 | 13,970 | { 1918 Oiled | | *500 | |
| | | | | | | | | { 1918 Oiled | | *501 | |
| Fld. | 6 | Grn. | 3 | Asp. (10) | | 0.729 | 11,980 | { 1918 Oiled | | 502 | |
| | | | | | | | | { 1915 4.02 Asp. Blk. 16' | | | |
| Gr. | 3 | Tr. | 3 | So. water | Oil f. | 0.719 | 10,943 | { 1915 0.35 Brick 16' | | 503 | |
| | | | | | | | | { 1915 1.25 Bit. Mac. 16' | | | |
| Sat. | 3 | Tr. | 3 | So. water | CO | 0.609 | 11,000 | { 1917 1.70 F. Con. } 504 | | | |
| Li. | 4 | Li. | 12 | So. water | | 0.686 | 15,945 | { 1912 1.63 WB. Mac. } 505 | | | |
| | | | | | | | | { 1914 2.97 Bit. Mac. } 506 | | | |
| Li. | 4 | Li. | 12 | So. water | | 0.522 | 11,269 | { 1917 Oiled | | 506 | |
| Li. | 5 | Li. | 12 | So. water | | 0.686 | 9,242 | { 1917 2.75 F. Con. } 507 | | | |
| Tr. | 4 | Lo. St. | 12 | So. water | | 0.632 | 8,916 | { 1914 1.43 F. Con. } 508 | | | |
| | | | | | | | | { 1917 1.95 F. Con. } 509 | | | |
| Lo. St. | 4 | Lo. St. | 12 | So. water | | 0.608 | 9,170 | { 1914 4.32 Bit. Mac. } 509 | | | |
| Sub. | 4 | Li. | 12 | So. water | | 0.639 | 8,150 | { 1914 4.17 Bit. Mac. } 510 | | | |
| Sub. | 6 | Lo. St. | 12 | So. water | Ca. Cl. | 0.568 | 10,695 | { 1914 Oiled | | 511 | |
| Sub. | 6 | Li. | 12 | So. water | T. (17) | 0.481 | 10,045 | { 1917 Oiled | | 512 | |
| Sub. | 6 | Gn. Li. | 12 | So. water | T. | 0.708 | 11,815 | { 1917 Oiled | | 513 | |
| | | | | | | | | { 1917 Oiled | | *514 | |
| Sub. | 6 | App. St. | 3 | So. water | CT | 0.697 | | { 1917 Oiled | | 515 | |
| | | | | | | | | { 1917 Oiled | | *516 | |
| | | | | | | | | { 1917 Oiled | | *517 | |
| Grn. | 3 | Grn. | 3 | So. water | Oil | 0.583 | 11,580 | { 1914 0.63 WB. Oiled | | 519 | |
| App. St. | 3 | App. St. | 3 | So. water | | 0.518 | 11,250 | { 1914 Oiled | | 520 | |
| Lo. St. | 4 | Lo. St. | 12 | So. water | | 0.667 | 11,490 | { 1914 Oiled | | | |
| Lo. St. | 4 | Lo. St. | 12 | So. water | | 0.574 | 10,610 | { 1916 0.60 2" Bit. Mac. } 521 | | | |
| Lo. St. | 10 | Lo. St. | 12 | So. water | | 0.768 | 12,430 | { 1916 Oiled | | | |
| Lo. St. | 17 | Lo. St. | 12 | So. water | | 0.866 | 13,350 | { 1916 Oiled | | | |
| Lo. St. | 17 | Lo. St. | 12 | So. water | | 0.958 | 14,210 | { 1916 Oiled | | | |
| Li. | 15 | Li. | 12 | So. water | | 0.812 | 10,410 | { 1916 Oiled | | 522 | |
| Li. | 5 | Li. | 12 | So. water | | 0.880 | 12,700 | { 1914 0.72 Brick | | 523 | |
| | | | | | | | | { 1915 8.13 Oiled | | | |
| L. | 5 | Li. | 12 | So. water | | 0.994 | 12,320 | { 1917 4.16 2" Bit. Mac. } 524 | | | |
| L. | 3 | Li. | 12 | So. water | | 0.788 | 11,320 | { 1917 1.40 2" Bit. Mac. } 525 | | | |
| S. | 3 | Li. | 12 | So. water | | 0.838 | 10,312 | { 1917 Oiled | | 525A | |
| L. | 5 | Li. | 12 | So. water | | 1.028 | 15,880 | { 1917 Oiled | | 525B | |
| L. | 3 | Li. | 12 | So. water | | 0.946 | 12,050 | { 1917 Oiled | | 526 | |
| L. | 5 | Li. | 12 | So. water | | 1.215 | 14,575 | { 1917 Oiled | | | |
| L. | 5 | Li. | 12 | So. water | | 0.888 | 11,020 | { 1917 Oiled | | 527 | |
| L. | 5 | Li. | 12 | So. water | | 0.939 | 13,480 | { 1917 Oiled | | 528 | |
| L. | 3 | Li. | 12 | So. water | Grv. | 0.681 | 8,640 | { 1916 3.55 3" Bit. Mac. } 529 | | | |
| | | | | | | | | { 1917 2.47 3" Bit. Mac. } 530 | | | |
| Li. | 3 | Li. | 12 | So. water | | 0.615 | 7,480 | { 1917 Oiled | | 530 | |
| Li. | 3 | Li. | 12 | So. water | | 0.687 | 8,040 | { 1917 Oiled | | 531 | |
| Li. | 3 | Li. | 12 | So. water | | 0.601 | 7,160 | { 1917 Oiled | | 532 | |
| Li. | 3 | Li. | 12 | So. water | | 0.624 | 9,590 | { 1915 1.97 Bit. Mac. } 533 | | | |
| | | | | | | | | { 1917 4.34 2" Bit. Mac. } 533 | | | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|--------------------------|----------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 534 | Dutch... | 3.65 | | \$34,344 54 | \$17,172 27 | 7/ 9/06 | 100 | 9/16/07 | 3.65 | 14 | 22-30 | 29,964 |
| 535 | Cort... | 2.70 | | 22,496 50 | 13,912 74 | 9/20/07 | 100 | 9/ 9/09 | 2.70 | 12 | 26 | 19,352 |
| 536 | Renss... | 5.15 | | 61,027 96 | 30,513 98 | 11/12/08 | 100 | 1/20/11 | 5.15 | 16 | 26-30 | 48,281 |
| 537 | Dutch... | 4.83 | | 42,000 00 | 21,000 00 | 7/ 7/06 | 100 | 3/ 8/08 | 4.83 | 14 | 24, 26 | 39,708 |
| †538 | Monroe | 5.66 | | 103,590 68 | 54,133 94 | 5/ 5/11 | 100 | 1/ 8/13 | 5.66 | 14-15 | 23-41 | 49,381 |
| 539 | Oswego... | 2.03 | | 18,316 95 | 11,173 33 | 12/ 4/07 | 100 | 8/24/08 | 2.09 | 12 | 26 | 14,926 |
| 540 | Colum... | 4.32 | | 23,450 00 | 11,725 00 | 7/ 6/06 | 100 | 7/—/08 | 4.32 | 16 | 20, 24 | 33,819 |
| 541 | Fulton... | 6.73 | | 63,580 04 | 37,208 32 | 1/30/08 | 100 | 11/—/09 | 6.73 | 16 | 26 | 63,191 |
| 542 | Fulton... | 2.68 | | 42,179 65 | 24,868 73 | 4/ 9/10 | 100 | 7/—/11 | 2.68 | 14 | 24, 32 | 22,000 |
| 543 | Fulton... | 6.35 | | 49,663 62 | 29,180 46 | 11/17/08 | 100 | 12/—/09 | 6.35 | 12-30 | 24-30 | 53,557 |
| 544 | Fulton... | 5.77 | | 71,111 93 | 41,477 81 | 4/28/11 | 100 | 1/ 8/13 | 5.77 | 14 | 24 | 47,391 |
| 545 | Nassau... | 3.22 | | 39,250 00 | 19,625 00 | 9/ 5/07 | 100 | 7/—/08 | 3.22 | 16 | 26, 28 | 32,388 |
| †546 | Nassau... | 6.03 | | 57,516 15 | 28,758 07 | 1/27/08 | 100 | 11/—/08 | 6.03 | 14 | 28 | 49,938 |
| †547 | Nassau... | 6.43 | | 91,366 63 | 45,683 32 | 11/12/08 | 100 | 11/22/10 | 6.43 | 16 | 28 | 61,104 |
| †548 | Nassau... | 4.74 | | 72,839 91 | 36,419 96 | 2/19/10 | 100 | 12/29/10 | 1.87 1.20 1.67 | 16 16 16 | 28, 32 26-32 26-32 | 17,525 11,255 15,649 |
| 549 | Dutch... | 6.92 | | 66,039 33 | 32,719 65 | 7/ 5/06 | 100 | 12/14/08 | 6.92 | 14-20 | 26-30 | 64,193 |
| 550 | Dutch... | 1.99 | | 17,141 18 | 8,570 59 | 8/28/06 | 100 | 9/—/07 | 1.99 | 14 | 26 | 16,344 |
| 551 | Dutch... | 2.91 | | 26,241 77 | 13,120 88 | 7/10/08 | 100 | 12/30/07 | 2.91 | 14 | 26 | 23,901 |
| 552 | Dutch... | 5.54 | | 57,268 00 | 28,634 00 | 9/20/07 | 100 | 12/ 4/08 | 5.54 | 16 | 24, 28 | 62,000 |
| 553 | Onon... | 2.33 | | 18,020 85 | 9,010 42 | 11/12/08 | 100 | 11/29/09 | 2.33 | 12 | 22, 28 | 16,848 |
| 554 | Onon... | 4.91 | | 46,006 47 | 23,763 62 | 11/12/08 | 100 | 6/28/10 | 4.91 | 12 | 28-30 | 35,019 |
| 555 | Onon... | 7.70 | | 95,867 77 | 47,933 88 | 4/ 7/10 | 100 | 13/30/11 | 7.70 | 14 | 26-28 | 63,253 |
| 556 | Onon... | 3.22 | | 35,109 95 | 17,554 97 | 3/30/11 | 100 | 12/18/11 | 3.22 | 10 | 24 | 18,892 |
| 557 | Onon... | 6.19 | | 73,663 55 | 48,461 49 | 3/25/11 | 100 | 11/ 6/12 | 2.91 3.28 | 10 14 | 24 24 | 17,047 1,467 26,969 |
| *558 | Onon... | | | | | | | | | | | |
| 559 | Oneida... | 9.06 | | 99,122 88 | 57,022 07 | 9/19/07 | 100 | 10/12/08 | 8.93 0.13 | 16 20 | 26-32 30 | 83,897 1,511 |
| 560 | Oneida... | 2.42 | | 23,804 38 | 11,902 19 | 9/19/07 | 100 | 7/—/08 | 2.42 | 16 | 30-32 | 22,681 |
| 561 | Oneida... | 4.43 | | 62,900 00 | 37,740 00 | 1/29/08 | 100 | 11/ 1/08 | 4.43 | 16 | 24-30 | 41,337 |
| †562 | Oneida... | 3.87 | | 60,339 17 | 30,169 59 | 1/19/08 | 100 | 1/ 4/10 | 3.87 | 16-20 | 26-32 | 39,295 |
| †563 | Oneida... | 5.11 | | 57,166 91 | 28,583 46 | 3/ 4/08 | 100 | 6/ 4/10 | 5.11 | 16 | 24-32 | 47,866 |
| †564 | Oneida... | 4.09 | | 60,569 62 | 30,284 81 | 11/13/08 | 100 | 1/ 6/10 | 2.99 1.33 0.62 | 16 16 16 | 32-30 32-30 32-30 | 28,070 12,978 5,813 |
| 565 | Jeff... | 7.34 | | 96,061 33 | 48,931 28 | 2/14/10 | 100 | 6/17/11 | 6.53 0.81 | 16 16 | 32 32 | 61,313 7,620 |
| 566 | Albany... | 7.15 | | 68,512 00 | 41,107 20 | 12/ 3/07 | 100 | 11/ 7/08 | 7.15 | 12-16 | 24, 26 | 50,320 |
| 567 | Dutch... | 4.63 | | 44,000 00 | 22,000 00 | 9/ 5/07 | 100 | 9/ 8/08 | 4.63 | 14-16 | 26, 30 | 41,026 |
| 568 | Dutch... | 4.40 | | 45,700 00 | 22,850 00 | 12/ 3/07 | 100 | 11/16/08 | 4.40 | 16 | 30 | 41,222 |
| 569 | Putnam... | 5.90 | | 51,300 00 | 25,650 00 | 7/11/06 | 100 | 1/16/08 | 4.81 1.09 | 14, 16 16 | 26, 28 26, 28 | 40,780 10,343 |
| 570 | Putnam... | 5.02 | | 70,834 09 | 39,061 45 | 9/20/07 | 100 | 10 13/09 | 1.33 3.69 | 14-33 14 | 33-26 30-26 | 9,272 23,800 |
| †571 | Renss... | 2.61 | | 31,641 18 | 15,820 59 | 11/13/08 | 100 | 12/—/10 | 2.61 0.13 0.68 | 14 16 16 | 26 22-40 22-40 | 21,480 3,206 5,517 |
| 572 | Ulster... | 5.92 | | 82,103 74 | 43,402 42 | 5/12/14 | 100 | 9/ 1/15 | 1.36 1.49 2.36 | 16 14 14 | 22-40 22-40 22-40 | 12,902 12,361 19,460 |
| 573 | Monroe... | 6.32 | | 77,185 35 | 38,592 67 | 5/ 1/11 | 100 | 10/10/12 | 4.14 2.18 | 14 14 | 24 24 | 24,294 17,920 |
| †573A | Monroe... | 0.11 | | 2,046 85 | 1,329 80 | 9/25/16 | 100 | 5/23/17 | 0.11 | 16 | 24 | 1,049 |
| †574 | Monroe... | 4.71 | | 103,807 03 | 51,903 62 | 4/24/12 | 100 | 10/24/13 | 0.07 4.64 | 16 16 | 28 28 | 644 43,883 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAYMENT | | | Highway No. |
|--------------------------------|-----------|------------|-----------|--------------|-----------------------------|-----------------------------|-----------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | 0.620 | 9,940 | | | Oiled. | 534 |
| Li. | 4 | Li. | 4 | Sc. water. | 0.705 | 9,900 | 1916 | 2.70 | 2 1/2" Bit. Mac. | 535 |
| Set. | 3 | Set. | 3 | Sc. water. | 0.705 | 11,550 | 1915 | 1.35 | Bit. Mac. | 536 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | 0.632 | 9,410 | 1916 | 1.19 | 3" Bit. Mac. | 537 |
| Grv. Con. | 3 1/2-5 | Lo. St. | 1 1/2 | Asp. (5) MM. | 1.578 | 18,590 | 1917 | 3.03 | Bit. Mac. | 538 |
| Grv. | 5 | Grv. | 3 1/2 | Sc. water. | 0.555 | 8,880 | 1918 | 0.39 | Concrete | 539 |
| (Shoulder) | | Grv. | 3 1/2 | Sc. water. | 0.242 | | 1915 | 2.09 | Bit. Mac. | 540 |
| | | Grv. | 3 1/2 | Sc. water. | 0.140 | 5,500 | | | | 541 |
| | | Grv. | 3 1/2 | Sc. water. | 0.105 | 5,180 | | | | 542 |
| Fld. | 3 | Fld. | 3 | Sc. water. | 0.538 | 9,380 | 1917 | 6.79 | Bit. Mac. | 543 |
| Set. | 4 | Ga. | 2 | Asp. (10) | 0.755 | 16,945 | | | Oiled. | 544 |
| Ga. | 3 | Ga. | 3 | Sc. water. | 0.504 | 7,730 | | | Oiled. | 545 |
| (Shoulders) | | Ga. | 3 | Sc. water. | 0.269 | | | | | 546 |
| Ga. | 6 | Dol. | 3 | Ber. (1) | 0.910 | 12,320 | | | Oiled. | 547 |
| Tr. | 3 | Tr. | 3 | Sc. water. | 0.883 | 11,600 | | | Oiled. | 548 |
| App. St. | 3 | Tr. | 3 | Sc. water. | 0.894 | 10,520 | | | Oiled. | 549 |
| Tr. | 3 | Tr. | 3 | Asp. (10) | 1.126 | 14,210 | 1916 | 1.19 | 3" Bit. Mac. | 550 |
| | | | | | | | 1917 | 0.63 | 3" Bit. Mac. | 551 |
| App. St. | 4 | Tr. | 1 1/2 | Asp. (10) | 1.306 | 16,150 | | | | 552 |
| App. St. | 4 | Tr. | 1 1/2 | Asp. (10) | 1.206 | 15,210 | | | | 553 |
| App. St. | 4 | Tr. | 2 | Asp. (10) | 1.106 | 14,270 | | | | 554 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | 0.629 | 9,445 | 1915 | 0.85 | Bit. Mac. | 555 |
| | | | | | | | 1915 | 4.12 | Bit. Mac. | 556 |
| | | | | | | | 1912 | 0.25 | Haasam | 557 |
| Lo. St. 3 1/2 | 4 1/2 | Lo. St. | 4 | Sc. water. | 0.620 | 9,333 | | | | 558 |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water. | 0.750 | 9,890 | 1917 | 4.22 | 3" Bit. Mac. | 559 |
| Set. | 3 | Set. | 3 | Sc. water. | 0.500 | 10,340 | | | Oiled. | 560 |
| Grv. | 6 | Li. | 3 | Sc. water. | 0.522 | 8,880 | | | Oiled. | 561 |
| Set. | 4 | Li. | 3 | Sc. water. | 0.690 | 10,915 | | | Oiled. | 562 |
| Li. | 4 | Tr. | 3 | Asp. (10) | 0.964 | 13,540 | | | Oiled. | 563 |
| Sub. | av 6 1/2 | Li. | 2 | Asp. (10) | 0.918 | 12,890 | | | Oiled. | 564 |
| (Shoulders) | | Li. | 3 | Asp. (10) | 0.571 | | | | | 565 |
| Sub. | 6 1/2 | Li. | 3 | Asp. (10) | 0.939 | 13,500 | | | | 566 |
| (Shoulders) | | Li. | 3 | Asp. (10) | 0.577 | | | | Oiled. | 567 |
| Sub. | Var. | Li. | 3 | Asp. (10) | 0.917 | 13,300 | | | | 568 |
| Li. | 4 | Sy. | 2 | Sc. water. | 0.750 | 10,470 | | | Oiled. | 569 |
| | | Grv. | 6 | Water | 0.535 | 8,450 | | | | 570 |
| Lo. St. | 4 | Sy. | 2 | Sc. water. | 0.722 | 9,735 | | | Oiled. | 571 |
| Li. | 3 | Sy. | 3 | Sc. water. | 0.764 | 13,740 | | | Oiled. | 572 |
| Qra. | 3 | Sy. | 3 | Asp. (10) | 1.018 | 14,720 | | | Oiled. | 573 |
| Qra. | 3 | Sy. | 3 | Sc. water. | 0.694 | 11,345 | | | Oiled. | 574 |
| Li. | 4 | Sy. Tr. | 2 | Asp. (10) | 0.914 | 11,435 | | | | 575 |
| Grv. 6, Li. 4 | 10 | Sy. Tr. | 2 | Asp. (10) | 1.214 | 14,305 | | | | 576 |
| | | Sy. Tr. | 2 | Asp. (10) | 0.575 | 8,305 | | | | 577 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.875 | 12,500 | | | | 578 |
| Li. | 4 | Li. | 4 | Asp. (10) | 1.007 | 13,740 | | | | 579 |
| Li. | 3 | Li. | 3 | Sc. water. | 0.724 | 11,455 | 1915 | 5.18 | W. B. Mac. | 580 |
| | | | | | | | 1917 | 1.97 | 3" Bit. Mac. | 581 |
| Dol. | 4 | Tr. | 2 | Sc. water. | 0.620 | 9,670 | | | Oiled. | 582 |
| Li. | 3 | Li. | 3 | Sc. water. | 0.608 | 9,800 | 1917 | 2.20 | 3" Bit. Mac. | 583 |
| App. St. 3, 2 | 5 | App. St. | 1 | Sc. water. | 0.591 | 8,920 | 1914 | 4.91 | Bit. Mac. | 584 |
| App. St. 3, 2 | 5 | App. St. | 2 | Sc. water. | 0.708 | 9,930 | 1917 | 0.99 | 3" Bit. Mac. | 585 |
| Qra. | 3 | Qra. | 3 | Sc. water. | 0.508 | 14,690 | 1912 | 4.39 | Bit. Mac. | 586 |
| Qra. | 3 | Qra. | 3 | Sc. water. | 0.552 | 15,100 | 1915 | 0.63 | Bit. Mac. | 587 |
| Set. | 5 | Set. | 3 | Asp. (1) | 0.896 | 13,140 | | | | 588 |
| S. Con. (2)(8) | 5 | Br. | 4 | Asp. (10) | 2.788 | 31,090 | | | | 589 |
| Fld. 8, App. St. 2 | 10 | App. St. | 3 | Asp. (10) | 1.161 | 15,820 | | | | 590 |
| App. St. | 5 | App. St. | 3 | Asp. (10) | 1.055 | 14,820 | | | | 591 |
| Fld. 8, App. St. 2 | 10 | App. St. | 3 | Sc. water. | 0.792 | 12,350 | | | | 592 |
| App. St. | 5 | App. St. | 3 | Sc. water. | 0.686 | 11,360 | | | | 593 |
| G. Con. (2)(16) | 5 | | | T. HO. | 0.860 | 13,800 | | | | 594 |
| Grv. | 3 | Grv. & Sc. | 3 | Asp. (1) | 0.706 | 12,360 | | | | 595 |
| Li. | 5 | Li. | 3 | Sc. water. | 0.896 | 19,220 | | | | 596 |
| S. Con. (16)(3) | 5 | Med. Blk. | 7 | | 2.950 | 32,420 | | | | 597 |
| S. Con. (16)(3) | 5 | St. | 1 1/2 | Asp. (5) MM. | 1.860 | 22,190 | | | | 598 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation.

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 574A | Monroe | 6.69 | | \$94,139 90 | \$52,104 99 | 5/14/14 | 100 | 1/ 4/15 | 6.30 | 16, 32 | 28, 32 | 59,096 |
| 575 | Monroe | 4.08 | | 42,494 39 | 21,247 19 | 4/25/12 | 100 | 10/24/12 | 0.39 | 32, 44 | 32, 44 | 8,778 |
| | | | | | | | | | 0.15 | 16 | 26 | 1,422 |
| | | | | | | | | | 3.93 | 16, 12 | 26 | 29,480 |
| *576 | Orange | | | | | | | | | | | |
| 577 | Schenec. | 7.06 | | 56,704 50 | 28,352 25 | 7/ 9/06 | 100 | 7/12/07 | 5.16 | 14 | 26-30 | 42,420 |
| | | | | | | | | | 1.90 | 14 | 26-30 | 15,604 |
| *578 | Orleans | | | | | | | | | | | |
| 579 | Orleans | 4.63 | | 47,245 79 | 24,095 35 | 6/12/12 | 100 | 1/22/14 | 4.63 | 14-16 | 26, 30 | 38,655 |
| 580 | Orleans | 2.86 | | 44,848 35 | 27,801 43 | 6/12/15 | 100 | 5/ 1/17 | 2.12 | 12-16 | 32 | 16,277 |
| | | | | | | | | | 0.74 | 16 | 32 | 6,952 |
| 581 | Orleans | 7.46 | | 71,800 04 | 42,698 81 | 6/ 9/15 | 100 | 7/31/17 | 7.39 | 14-20 | 30-32 | 67,345 |
| | | | | | | | | | 0.06 | 16 | 32 | 560 |
| 582 | Orleans | 2.46 | | 25,005 20 | 12,502 60 | 6/18/15 | 100 | 10/ 3/16 | 2.46 | 12, 16 | 32 | 17,563 |
| | | | | | | | | | | 2-4 | | 5,559 |
| 583 | Renss. | 3.40 | | 35,777 67 | 17,888 83 | 3/ 2/10 | 100 | 12/26/11 | 3.40 | 14 | 24, 26 | 27,450 |
| 584 | Erie | 7.96 | | 87,700 00 | 43,850 00 | 5/ 7/08 | 100 | 12/ 1/08 | 7.96 | 12 | 26-30 | 56,039 |
| 585 | Putnam | 4.25 | | 56,092 93 | 28,046 46 | 11/13/08 | 100 | 12/16/09 | 4.25 | 14 | 24-30 | 24,764 |
| 586 | Genesee | 5.58 | | 46,815 00 | 23,407 50 | 6/30/06 | 100 | 9/—/08 | 5.58 | 16 | 32 | 52,992 |
| 587 | West | 4.39 | | 43,420 64 | 21,710 32 | 11/26/07 | 100 | 11/—/08 | 4.39 | 12 | 24 | 31,116 |
| 588 | Monroe | 1.04 | | 20,199 14 | 10,099 57 | 4/27/12 | 100 | 11/12/13 | 2.06 | 12 | 28 | 14,712 |
| 588 | Orleans | 1.04 | | | | | | | | | | |
| *589 | Colum. | 3.81 | | 28,200 00 | 14,100 00 | 9/ 1/06 | 100 | 10/—/08 | 3.81 | 14 | 26 | 31,248 |
| 590 | Cayuga | 7.96 | | 75,496 62 | 37,748 31 | 11/10/06 | 100 | 11/18/08 | 7.96 | 12-16 | 24, 26 | 65,448 |
| 591 | Cayuga | 10.95 | | 89,800 00 | 44,900 00 | 11/15/06 | 100 | 12/ 1/08 | 10.85 | 12 | 24-22 | 63,614 |
| 592 | Cayuga | 5.57 | | 52,807 07 | 26,403 54 | 9/18/06 | 100 | 12/15/08 | 5.57 | 12-16 | 24, 26 | 46,706 |
| 593 | Rock | 5.82 | | 152,950 00 | 76,475 00 | 9/13/06 | 100 | 11/ 2/08 | 5.82 | 14 | 22 | 47,786 |
| *594 | Renss. | | | | | | | | | | | |
| 595 | Cort. | 5.42 | | 44,586 24 | 25,860 03 | 12/ 4/07 | 100 | 9/ 2/09 | 5.42 | 12 | 30 | 38,155 |
| *596 | Chen. | 3.42 | | 34,913 00 | 21,995 19 | 9/20/07 | 100 | 11/—/08 | 3.42 | 12 | 24 | 24,067 |
| 596A | Chen. | 0.38 | | 4,682 18 | 2,949 77 | 4/17/10 | 100 | 9/21/10 | 0.38 | 12 | 26 | 2,655 |
| 597 | Chen. | 3.55 | | 35,517 56 | 23,138 95 | 10/22/07 | 100 | 10/15/08 | 3.55 | 12 | 24 | 25,074 |
| 598 | Chen. | 4.86 | | 57,714 00 | 39,264 00 | 12/14/07 | 100 | 11/16/08 | 4.99 | 10-12 | 20, 24 | 32,067 |
| 598A | Chen. | 0.22 | | 5,983 47 | 4,248 27 | 4/ 9/10 | 100 | 7/22/11 | 0.22 | 12 | 26 | 1,563 |
| *599 | Chen. | 6.44 | | 72,598 98 | 51,545 23 | 2/ 4/08 | 100 | 9/10/10 | 5.04 | 10-12 | 20, 24 | 34,870 |
| | | | | | | | | | 1.40 | 12 | 24 | 9,826 |
| *600 | Orange | | | | | | | | | | | |
| 601 | Cattar. | 3.09 | | 33,500 00 | 19,095 00 | 9/24/07 | 100 | 11/24/08 | 3.09 | 16-20 | 22-30 | 30,080 |
| *602 | Ulster | | | | | | | | | | | |
| 603 | Ulster | | 10.24 | 122,300 06 | 65,635 00 | 10/29/15 | 84 | | | 14 | 26 | 84,124 |
| 604 | Albany | 3.88 | | 46,891 16 | 23,445 57 | 11/13/08 | 100 | 2/ 5/10 | 3.88 | 16 | 32 | 36,420 |
| *605 | Orange | | | | | | | | | | | |
| 606 | Tomp. | 2.12 | | 24,000 00 | 12,960 00 | 9/29/07 | 100 | 11/ 1/08 | 2.12 | 12 | 24 | 15,390 |
| 607 | Ontario | 4.35 | | 28,700 00 | 14,350 00 | 12/18/07 | 100 | 11/ 1/08 | 4.35 | 12 | 26-32 | 30,590 |
| 608 | Ontario | 2.21 | | 16,313 52 | 8,156 76 | 12/18/07 | 100 | 11/ 3/08 | 2.21 | 12 | 32 | 15,560 |
| 609 | Dutch. | 1.63 | | 16,115 04 | 8,057 52 | 12/ 3/07 | 100 | 12/—/08 | 1.63 | 16 | 30 | 15,312 |
| 610 | Saratoga | 7.41 | | 107,760 92 | 53,880 46 | 2/18/10 | 100 | 1/ 5/11 | 7.41 | 16 | 26 | 69,591 |
| 611 | Saratoga | 6.64 | | 85,535 58 | 42,747 79 | 5/28/10 | 100 | 1/23/12 | 6.64 | 16 | 26-32 | 62,352 |
| 612 | Dutch. | 3.04 | | 40,524 11 | 20,262 06 | 11/13/08 | 100 | 1/30/10 | 3.04 | 16 | 24, 26 | 28,560 |
| 613 | Greene | 5.60 | | 64,670 00 | 38,155 30 | 11/27/07 | 100 | 11/22/08 | 5.60 | 16, 14 | 26-30 | 46,578 |
| 614 | Cayuga | 6.07 | | 57,680 42 | 28,840 21 | 9/20/07 | 100 | 6/13/10 | 6.07 | 12 | 26 | 42,803 |
| 615 | Colum. | 8.03 | | 61,822 00 | 35,856 76 | 9/ 5/07 | 100 | 10/12/08 | 8.03 | 14 | 28 | 65,736 |
| 616 | Tomp. | 8.66 | | 103,853 59 | 53,912 47 | 9/20/07 | 100 | 12/—/08 | 8.66 | 14 | 24 | 72,184 |
| 617 | Niagara | 4.89 | | 33,500 00 | 16,750 00 | 9/20/07 | 100 | 12/ 1/08 | 4.80 | 12 | 32 | 23,700 |
| 618 | Fulton | 9.24 | | 111,531 65 | 69,011 54 | 10/17/14 | 100 | 1/ 4/16 | 9.24 | 12 | 24 | 65,040 |
| 619 | Fulton | 2.11 | | 28,053 47 | 16,617 76 | 7/16/15 | 100 | 1/ 7/13 | 2.11 | 14-16 | 24-26 | 17,837 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PERCENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|-----------|-----------|----------------|--------------|-----------------------------|-----------------------------|------------------|-------|------------------|-------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| Lo. St. | 5 | Lo. St. | 3 | Se., water | T. (17) | 0.849 | 11,330 | | | Oiled. | 574A |
| 5 Com. (5) | 5 | Br. (14) | 4 | | | 2.142 | 23,470 | | | | |
| | | Gu | 5 | Roemac | | 0.772 | 11,210 | | | Oiled. | 575 |
| Sub | 6 | Gu | 3 | Asp. (10) | | 0.770 | 11,190 | | | | |
| Li | 3 | Li | 3 | Se., water | | 0.611 | 7,978 | | | Oiled. | *576 |
| Sub | 10 | Li | 3 | Se., water | | 0.928 | 10,950 | | | | 577 |
| S. Com. (1) | 5 | | | | T (17) HO(3) | 0.813 | 11,000 | | | | *578 |
| Se | 6 | Set. | 3 | Asp. (11) | | 0.813 | 13,120 | | | | 579 |
| S. Com. | av. 5 | Med. Bk. | | | | 2.226 | 26,335 | | | | 580 |
| Li | 6 | Li | 3 | Se., water | Ca. Cl. | 0.753 | 10,430 | | | | |
| Li | 3 | Li | 3 | Se., water | Ca. Cl. | 0.553 | 8,600 | | | | 581 |
| Lo. St. | 5 | Lo. St. | 3 | Asp. (11) | | 0.798 | 10,620 | | | | 582 |
| (Shoulders) | | Lo. St. | 3 | Asp. (11) | | 0.451 | | | | | |
| Grv. | 4 | Grv. | 3 | Asp. (10) | | 0.561 | 11,260 | | | Oiled. | 1583 |
| Li | 5 | Li | 4 | Se., water | | 0.975 | 13,300 | | | Oiled. | 584 |
| Li | 3 | Li | 3 | Asp. (10) | | 0.834 | 14,200 | | | Oiled. | 585 |
| Li | 3 | Li | 3 | Se., water | | 0.530 | 7,590 | 1916 | 0.93 | Bit. Mac. | |
| Grn. | 3 | Grn. | 3 | Se., water | | 0.500 | 11,030 | 1917 | 2.77 | Oiled. | |
| Sub | 6 | App. St. | 3 | Asp. (3) | | 0.739 | 11,410 | 1915 | 1.88 | Bit. Mac. | 586 |
| | | | | | | | | | | Oiled. | 587 |
| Lo. St. | 3 | Li | 3 | Se., water | | 0.590 | 8,100 | 1916 | 2.80 | 21" Bit. Mac. | *588 |
| Li | 4 | Li | 2 | Se., water | | 0.782 | 10,390 | 1915 | 7.96 | Bit. Mac. | 590 |
| Li | 4 | Li | 2 | Se., water | | 0.793 | 11,320 | 1913 | 1.94 | Bit. Mac. | |
| Li | 4 | Li | 2 | Se., water | | 0.793 | 11,320 | 1916 | 6.15 | 24" 3" Bit. Mac. | 591 |
| Li | 4 | Li | 2 | Se., water | | 0.655 | 10,210 | 1917 | 2.76 | 24" 3" Bit. Mac. | |
| Lo. St. | 3 | Lo. St. | 3 | Se., water | | 0.655 | 10,210 | 1914 | 3.26 | Bit. Mac. | 592 |
| | | | | | | 0.688 | 23,430 | 1915 | 2.36 | Bit. Mac. | |
| Li | 4 | Li | 2 | Se., water | | 0.588 | 9,330 | 1914 | | Oiled. | 1593 |
| Li | 4 | Li | 2 | Se., water | | 0.692 | 11,955 | 1917 | 5.43 | Bit. Mac. | *594 |
| Li | 4 | Li | 2 | Se., water | | 0.764 | 14,210 | 1917 | 3.29 | 3" W. B. Oil. | 595 |
| Lo. St. | av. 8 | Li | av. 2 | Se., water | | 0.764 | 14,210 | 1917 | 0.38 | 3" W. B. Oil. | *596A |
| Se | 4 | Li | 2 | Se., water | | 0.725 | 11,690 | 1915 | 3.55 | Bit. Mac. 3" | 597 |
| Se | 4 | Set. | 4 | Se., water | | 0.822 | 14,435 | 1910 | 1.61 | W. B. Mac. | |
| Se | 8 | Set. | 2 | Se., water | | 0.852 | 29,369 | 1912 | 1.00 | Bit. Mac. | 598 |
| Se | 4 | Li | 2 | Se., water | | 0.719 | 13,040 | 1917 | 2.21 | 24" Bit. Mac. | |
| Se | 7 | Li | 2 | Se., water | | 1.011 | 15,780 | 1912 | 0.22 | Oiled. | 598A |
| Grv. | 4 | Li | 4 | Se., water | | 0.861 | 10,510 | 1918 | 1.71 | Bit. Mac. | *600 |
| | | | | | | | | 1917 | 1.38 | 3" Bit. Mac. | 601 |
| Phi | 6 | Set. | 3 | Asp. (10) | | 0.759 | 12,670 | | | | *602 |
| Se | 3 | Li | 3 | Asp. (10) | | 0.906 | 12,080 | 1914 | 0.10 | Bit. Mac. | 603 |
| Se | 4 | Li | 2 | Se., water | | 0.736 | 12,890 | | | Oiled. | *604 |
| Phi | 3 | Li | 3 | Se., water | | 0.578 | 7,785 | 1914 | 4.35 | Bit. Mac. | 606 |
| Lo. St. | 3 | Li | 3 | Se., water | | 0.661 | 8,345 | | | Oiled. | 607 |
| Se | 3 | Li | 3 | Se., water | | 0.575 | 9,640 | | | Oiled. | 608 |
| Se | 4 | Li | 13 | Asp. (3) T(17) | | 0.982 | 14,820 | 1913 | 0.78 | Bit. Mac. | 609 |
| | | | | | | | | 1914 | 0.57 | Bit. Mac. | 610 |
| Grn. | 2 | Asp. (10) | | | | 1.030 | 12,610 | | | Oiled. | 611 |
| Li | 3 | Li | 3 | Se., water | Oil (10) | 0.567 | 13,330 | | | Oiled. | 1612 |
| Li | 3 | Li | 3 | Se., water | CO. | 0.553 | 11,690 | 1912 | 5.60 | Bit. Mac. | 613 |
| | | | | | | | | 1915 | | Oiled. | |
| Li | 4 | Li | 2 | Se., water | | 0.909 | 11,450 | 1914 | 2.00 | Bit. Mac. | |
| Se | 3 | Set. | 3 | Se., water | | 0.521 | 8,330 | 1915 | 1.74 | Bit. Mac. | 614 |
| Li | 3 | Li | 3 | Se., water | | 0.766 | 12,790 | | 2.76 | Bit. Mac. | |
| Li | 3 | Li | 3 | Se., water | | 0.649 | 8,310 | | 3.35 | Bit. Mac. | 615 |
| Se | 6 | Gn | 3 | Asp. (11) | | 0.816 | 14,240 | | | Oiled. | 616 |
| Se | 6 | Se | 3 | Se., water | T. (17) | 0.620 | 13,980 | | | Oiled. | 617 |
| | | | | | | | | | | Oiled. | 618 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 620 | Fulton | ..... | 5.13 | \$73,000 00 | \$43,330 57 | 7/11/16 | ..... | ..... | ..... | 14, 16 | 26, 30 | 42, 446 |
| 621 | Fulton | ..... | 2.90 | 36,800 00 | 18,400 00 | 10/28/16 | 4 | ..... | ..... | 14 | 24-26 | 23,806 |
| 622 | Livingst. | 5.17 | ..... | 53,832 02 | 26,916 01 | 9/20/07 | 100 | 10/ 4/10 | 2.74 | 14 | 22, 32 | 22,493 |
| 623 | Livingst. | 6.97 | ..... | 60,316 47 | 30,158 24 | 12/17/07 | 100 | 6/30/10 | 2.43 | 14 | 22, 32 | 19,952 |
| 624 | Jeff. | 3.09 | ..... | 38,434 34 | 19,217 17 | 2/18/10 | 100 | 9/ 9/11 | 1.04 | 14 | 22, 32 | 8,514 |
| 625 | Jeff. | 5.37 | ..... | 65,200 70 | 34,556 37 | 3/28/11 | 100 | 11/14/12 | 5.95 | 14 | 22, 32 | 48,816 |
| 626 | Jeff. | 4.55 | ..... | 54,308 73 | 27,154 36 | 3/21/11 | 100 | 1/19/12 | 3.09 | 14 | 26 | 25,368 |
| 627 | Dutch. | 8.13 | ..... | 75,971 29 | 40,264 79 | 11/13/09 | 100 | 7/ 7/10 | 7.88 | 14 | 26-30 | 64,725 |
| 628 | Dut. h. | 4.66 | ..... | 49,386 49 | 29,631 89 | 4/ 9/10 | 100 | 6/—/11 | 0.25 | 14 | 26 | 2,046 |
| *629 | Dut. h. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.66 | 14 | 24 | 38,724 |
| 630 | Albany | 2.24 | ..... | 31,248 65 | 15,624 32 | 11/13/08 | 100 | 12/31/09 | 2.24 | 16 | 32 | 21,024 |
| 631 | Renss. | 2.25 | ..... | 30,564 45 | 15,272 23 | 2/19/10 | 100 | 6/17/11 | 1.10 | 16 | 28 | 10,335 |
| | | | | | | | | | 1.15 | 16 | 28 | 10,764 |
| *632 | Mont. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 633 | Monroe | 3.73 | ..... | 49,506 45 | 25,399 19 | 5/13/12 | 100 | 10/24/13 | 3.73 | 12-16 | 24, 28 | 27,351 |
| 631 | Monroe | 3.43 | ..... | 70,668 64 | 43,234 62 | 6/13/12 | 100 | 1/16/14 | 0.16 | 15 | 26 | 1,622 |
| 635 | Ontario | 5.04 | ..... | 46,575 74 | 23,287 87 | 11/13/08 | 100 | 1/ 1/10 | 3.27 | 15 | 26 | 28,716 |
| 636 | Ontario | 3.16 | ..... | 25,900 00 | 12,950 00 | 11/13/08 | 100 | 1/ 1/10 | 4.90 | 12, 16 | 22-32 | 35,885 |
| 637 | Ontario | 5.30 | ..... | 53,037 35 | 26,518 68 | 2/28/10 | 100 | 8/ 8/11 | 0.14 | 12 | 26-32 | 933 |
| 638 | Ontario | 1.01 | ..... | 12,425 00 | 6,212 50 | 2/19/10 | 100 | 11/12/10 | 3.16 | 112-16 | 22-32 | 23,186 |
| 639 | Ontario | 7.04 | ..... | 90,756 48 | 45,378 24 | 3/28/11 | 100 | 12/30/11 | 5.30 | 14 | 30 | 43,566 |
| | | | | | | | | | 1.01 | 14-16 | 30-32 | 8,387 |
| | | | | | | | | | 4.14 | 25, 10 | 28, 30 | 24,245 |
| | | | | | | | | | 2.90 | 14, 28 | 28 | 16,984 |
|  |  |  |  |  |  |  |  |  | ..... | 4 | ..... | 10,142 |
| | | | | | | | | | 4-6 | ..... | ..... | 6,794 |
| 640 | Schenec. | 3.96 | ..... | 34,000 00 | 17,109 48 | 9/18/07 | 100 | 10/13/08 | 3.96 | 14-16 | 26-32 | 32,856 |
| 641 | Schenec. | 4.70 | ..... | 39,400 00 | 19,700 00 | 1/29/08 | 100 | 11/—/08 | 4.70 | 14 | 26 | 38,580 |
| 642 | Erie | 6.90 | ..... | 93,496 92 | 46,748 46 | 11/13/08 | 100 | 1/18/11 | 0.99 | 16 | 26-32 | 34,010 |
| 643 | Niagara | 4.42 | ..... | 42,600 00 | 21,300 00 | 12/18/07 | 100 | 12/—/08 | 5.89 | 12 | 26-32 | 16,734 |
| 644 | Erie | 0.73 | ..... | 9,189 89 | 4,594 94 | 11/13/08 | 100 | 12/—/09 | 4.42 | 12 | 32, 24 | 32,124 |
| 645 | Erie | 4.62 | ..... | 86,799 22 | 43,399 61 | 11/18/08 | 100 | 8/26/10 | 0.73 | 16 | 22, 28 | 6,852 |
| 646 | Albany | 4.12 | ..... | 56,699 57 | 30,013 37 | 11/13/08 | 100 | 5/—/10 | 3.02 | 16-20 | 22-28 | 28,378 |
| *647 | Albany | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.60 | 16-20 | 22-28 | 14,988 |
| 648 | Monroe | 7.37 | ..... | 83,099 64 | 44,309 77 | 5/15/14 | 100 | 1/10/16 | 4.12 | 16 | 26 | 38,674 |
| 649 | Colum. | 1.02 | ..... | 15,040 00 | 7,520 00 | 12/18/07 | 100 | 6/20/08 | 7.34 | 16 | 28-32 | 68,919 |
| 650 | Colum. | 5.65 | ..... | 89,542 27 | 44,771 14 | 11/13/08 | 100 | 8/26/10 | 0.03 | 15 | 28 | 200 |
| 651 | Clinton | 5.58 | ..... | 58,900 00 | 41,819 00 | 12/ 4/07 | 100 | 10/27/08 | 1.02 | 16 | 28 | 9,720 |
| 652 | Clinton | 3.24 | ..... | 36,449 72 | 25,514 81 | 11/13/08 | 100 | 9/—/10 | 5.65 | 16-18 | 26, 28 | 57,278 |
| 653 | Oswego | 5.09 | ..... | 62,200 00 | 36,076 00 | 12/18/07 | 100 | 12/28/08 | 5.58 | 14, 15 | 18-28 | 46,283 |
| †654 | Oswego | 5.33 | ..... | 75,159 53 | 44,344 12 | 11/13/08 | 100 | 8/ 1/10 | 5.33 | 14 | 20-24 | 43,802 |
| 655 | Onon. | 1.78 | ..... | 14,498 97 | 7,249 48 | 3/30/11 | 100 | 12/21/11 | 1.78 | 8 | 24 | 8,333 |
| 656 | Warren | 2.12 | ..... | 21,500 00 | 13,075 00 | 9/ 5/07 | 100 | 12/13/08 | 2.12 | 2 | ..... | 2,083 |
| 657 | West. | 6.01 | ..... | 78,200 00 | 39,100 00 | 11/26/07 | 100 | 11/—/08 | 6.01 | 16 | 32 | 19,776 |
| 658 | Essex | 3.64 | ..... | 43,500 00 | 31,800 00 | 5/21/08 | 100 | 10/—/08 | 3.64 | 14 | 24, 26 | 29,897 |
| 659 | Renss. | 5.00 | ..... | 72,358 48 | 36,179 24 | 3/23/11 | 100 | 2/—/12 | 5.09 | 14 | 24, 26 | 42,294 |
| 660 | Niagara | 5.97 | ..... | 70,301 63 | 35,150 82 | 12/18/07 | 100 | 8/30/10 | 1.88 | 12 | 26-32 | 13,200 |
| 661 | Oswego | 3.58 | ..... | 35,947 07 | 19,051 95 | 4/ 7/10 | 100 | 11/30/10 | 4.09 | 12 | 26-32 | 28,821 |
| 662 | Ontario | 6.07 | ..... | 49,848 55 | 32,421 06 | 6/20/14 | 100 | 11/ 4/15 | 3.58 | 12, 14 | 26-28 | 28,174 |
| 663 | Chen. | 4.38 | ..... | 57,755 70 | 42,224 39 | 11/13/08 | 100 | 12/ 6/10 | 6.07 | 12-20 | 26-28 | 44,366 |
| 664 | Chen. | 4.33 | ..... | 45,919 51 | 33,521 24 | 4/ 7/10 | 100 | 8/—/11 | 4.38 | 14 | 22, 24 | 36,069 |
| 665 | Chen. | 5.13 | ..... | 64,329 89 | 47,604 12 | 4/27/10 | 100 | 7/24/12 | 4.33 | 14 | 24 | 35,564 |
| 666 | Chen. | 4.81 | ..... | 62,023 98 | 45,277 51 | 3/22/11 | 100 | 1/ 8/13 | 1.65 | 12-16 | 26 | 12,901 |
| 667 | Chen. | 2.33 | ..... | 31,091 23 | 20,831 12 | 6/14/12 | 100 | 9/26/13 | 3.48 | 12 | 26 | 24,463 |
| | | | | | | | | | 4.56 | 12 | 24 | 32,154 |
| | | | | | | | | | 0.30 | 16 | 28 | 2,832 |
| | | | | | | | | | 2.33 | 14 | 28 | 19,113 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|----------|-----------|-------------------|-----------------------------|-----------------------------|------------------|-------|--------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-18' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. | 9 | G. Li. | 3 | Sc. water. | T. Ca. Cl. | 0.765 12,180 | | | 620 | |
| Sub. | 6 | App. St. | 3 | Sc. water | CT. | 0.769 13,680 | | | 621 | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.668 10,060 | | | 622 | |
| Li. | 5 | Li. | 3 | Sc. water | | 0.854 11,810 | | | | |
| Li. | 5 | Li. | 3 | Sc. water | | 0.975 11,850 | | | 623 | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.789 10,110 | | | | |
| App. St. | 4 | Sv. Grn. | 2 | Asp. (10) | | 0.800 13,405 | | | 624 | |
| Grn. | 3 | Grn. | 3 | Asp. (10) | | 0.811 13,090 | 1914 | 1.25 | Concrete | |
| | | | | | | | 1916 | 2.47 | 2" Bit. Mac. | |
| App. St. | 3 | Li. | 3 | Asp. (10) | | 0.859 12,740 | | | 626 | |
| Li. | 3 | Li. | 3 | Sc. water | CO (18) | 0.524 9,760 | | | 627 | |
| Li. | 3 | Li. | 3 | Asp. (18) | | 0.932 13,590 | | | | |
| Dol. | 2½ | Dol. | 2½ | Sc. water. | | 0.479 11,135 | | | 628 | |
| | | | | | | | | | *629 | |
| Li. | 3 | Li. | 3 | Asp. (10) | | 0.938 13,340 | | | 630 | |
| Qrs | 4 | Qrs | 2 | Asp. (10) | | 0.853 12,975 | | | 631 | |
| Qrs | 4 | Qrs | 3 | Asp. (10) | | 0.961 13,985 | | | | |
| Lo. St. | 3 | Set. | 3 | Asp. (3) | | 0.919 14,620 | | | *632 | |
| S. Con. (10) | 5 | Br. (19) | 4 | | | 2.214 26,460 | | | 633 | |
| S. Con. (10) | 5 | St. | 1½ | Asp. () MM. | | 1.664 21,300 | | | 634 | |
| Li. | 3 | Li. | 3 | Sc. water | Oil. | 0.830 10,980 | | | | |
| Li. | 5 | Li. | 3 | Sc. water | Oil. | 1.038 12,730 | | | 635 | |
| Set. | 3 | Li. | 3 | Sc. water | | 0.610 9,100 | | | | |
| Sub. 5, Li. 2 | 7 | Li. | 2 | Asp. (10) | | 0.853 11,210 | | | 636 | |
| Li. | 4 | Li. | 2 | Asp. (10) T. (17) | | 0.960 13,160 | | | 637 | |
| Sub. | 7 | Li. | 3 | Asp. (3) | | 1.187 17,590 | | | 638 | |
| Sub. | 7 | App. St. | 3 | Asp. (3) | | 0.937 15,250 | | | | |
| (Shoulders). | | Li. | 3 | Asp. (3) | | 0.780 | | | 639 | |
| (Shoulders). | | App. St. | 3 | Asp. (3) | | 0.530 | | | | |
| Li. | 3 | Li. | 2 | Sc. water | | 0.583 9,230 | 1915 | 0.89 | Bit. Mac. | |
| App. St. | 3 | Li. | 2 | Sc. water | | 0.541 9,020 | 1914 | 2.09 | WB. Mac. | |
| | | | | | | | 1915 | | Oiled | |
| Li. | 5 | Li. | 3 | Ro. Asp. (14) | | 1.259 15,090 | 1913 | 6.03 | Ro. Asp. | |
| Li. | 5 | Li. | 3 | Ro. Asp. (14) | Oil. | 1.573 18,040 | | | | |
| Li. | 5 | Li. | 3 | Sc. water | | 0.860 11,320 | 1917 | 3.12 | 3" Bit. Mac. | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.707 12,590 | | | 644 | |
| Li. | 5 | Li. | 3 | Ro. Asp. (14) | Ro. Asp. | 1.566 18,950 | 1913 | 4.62 | Ro. Asp. | |
| Li. | 5 | Li. | 2½ | Ro. Asp. (14) | Ro. Asp. | 1.515 18,470 | | | 645 | |
| Set. | 3 | Set. | 3 | Asp. (1) | | 0.853 13,760 | | | 646 | |
| | | | | | | | | | *647 | |
| Li. | 5 | Li. | 3 | Sc. water | | 0.717 11,120 | | | 648 | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.561 9,660 | | | | |
| Dol. | 2 | Tr. | 3 | Sc. water | | 0.780 14,750 | 1917 | 0.19 | F Con. | |
| Li. | 3 | Li. | 3 | Bar. (1) | | 0.973 15,020 | | | 650 | |
| Anor. | 3 | Anor. | 3 | Sc. water | Li. Se. | 0.765 11,450 | 1914 | 5.58 | Bit. Mac. | |
| | | | | | | | 1916 | 0.43 | 2" Bit. Mac. | |
| Set. | 3 | Set. | 3 | Asp. (10) | | 0.909 12,420 | | | 652 | |
| Lo. St. | 4 | Sy. Li. | 2 | Sc. water | | 0.777 12,210 | 1915 | 3.09 | Bit. Mac. | |
| Set. | 4 | Sy. | 3 | Asp. (2) | | 1.144 15,500 | | | 654 | |
| Sub. | 7 | Li. | 3 | Asp. (10) | | 0.981 13,925 | | | 655 | |
| (Shoulders). | | Li. | 3 | Asp. (10) | | 0.603 | | | | |
| App. St. | 3 | App. St. | 3 | Sc. water | | 0.458 9,860 | 1913 | 1.32 | Bit. Mac. | |
| Grn. | 3 | Tr. | 3 | Sc. water | Oil. | 0.645 13,010 | 1914 | 0.93 | Bit. Mac. | |
| | | | | | | | 1916 | 5.08 | F Con. | |
| | | | | | | | 1915 | 3.64 | Bit. Mac. | |
| Grn. | 4 | Grn. | 4 | Sc. water | | 0.809 12,900 | | | 658 | |
| Grv. | 4 | Grv. | 3 | Asp. (10) | | 1.174 16,000 | | | 659 | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.945 12,750 | | | 660 | |
| Li. | 5 | Li. | 3 | Sc. water | | 1.195 15,100 | | | | |
| Fld. | 3½ | Li. | 2 | Asp. (10) | | 0.789 11,145 | | | 661 | |
| Grv. | 5 | Li. | 3 | Sc. water | H.C.T. (17) | 0.594 9,650 | | | 662 | |
| Bl. | 4 | Bl. | 3 | Sc. water | | 0.769 14,550 | | | 663 | |
| Li. | 3 | Li. | 2½ | Sc. water | | 0.560 11,270 | 1917 | 2.40 | 3" Bit. Mac. | |
| Sub. 5" Set. 3" | 8 | Set. | 2 | Ber. (1) | | 1.090 15,390 | | | 664 | |
| Sub. 5" Set. 2" | 7 | Set. | 2 | Ber. (1) | | 0.972 14,230 | | | 665 | |
| Sub. | av6½ | Set. | 2½ | Asp. (3) | | 0.649 14,350 | | | 666 | |
| Sub. | av6 | Set. | 2½ | Asp. (3) | | 0.636 14,230 | | | 667 | |
| S. Con (8) | 5 | Se. | 1 | T. (17) | | 0.945 14,320 | | | 667 | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement | |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|--------|
| | | Accepted | Under contract | | | | | | | | | | |
| 668 | Chen. | 1.12 | | \$16,561 20 | \$10,708 07 | 4/24/12 | 100 | 1/ 8/13 | 1.12 | 14 | 26 | 9,172 | |
| 669 | Onon. | 5.98 | | 82,388 06 | 45,231 87 | 3/25/11 | 100 | 1/ 7/13 | 5.98 | 14 | 26 | 49,032 | |
| 670 | Onon. | 3.41 | | 48,911 88 | 24,455 94 | 2/20/14 | 100 | 11/30/14 | 3.41 | 14-16 | 26-30 | 28,800 | |
| 671 | Onon. | 4.31 | | 59,433 47 | 27,078 53 | 6/12/12 | 100 | 1/ 8/13 | 4.24 | 14, 34 | 26-38 | 37,581 | |
| | | | | | | | | | 0.07 | 34 | 34 | 1,461 | |
| | | | | | | | | | 4.97 | 14 | 26 | 41,060 | |
| 672 | Onon. | 7.21 | | 93,114 24 | 46,557 12 | 6/17/12 | 100 | 1/25/14 | 1.48 | 14 | 26 | 12,148 | |
| | | | | | | | | | 0.76 | 16 | 26 | 7,115 | |
| *673 | Onon. | | | | | | | | | | | | |
| 674 | Otego. | 6.49 | | 77,819 86 | 52,229 47 | 11/27/08 | 100 | 12/31/10 | 6.49 | 14, 16 | 26, 32 | 53,541 | |
| *675 | Otego. | 3.99 | | | | 11/27/07 | 100 | 8/ 7/11 | 3.99 | 14, 16 | 24, 26 | 36, 63 | |
| 676 | Otego. | 2.01 | | 19,462 36 | 12,845 16 | 11/27/07 | 100 | 11/ 9/08 | 2.01 | 14 | 20-30 | 16,539 | |
| 677 | Otego. | 4.01 | | 40,951 38 | 26,946 01 | 2/ 4/08 | 100 | 12/21/03 | 0.02 | 16 | 26 | 201 | |
| | | | | | | | | | 3.99 | 14-16 | 26, 32 | 33,260 | |
| 678 | Otego. | 2.64 | | 27,870 00 | 18,894 20 | 12/ 4/07 | 100 | 11/ 9/08 | 2.64 | 16 | 28 | 24,740 | |
| 679 | Renss. | 4.14 | | 55,838 96 | 34,620 16 | 3/27/11 | 100 | 11/—/11 | 4.14 | 14 | 26 | 34,246 | |
| 680 | Renss. | 3.92 | | 39,211 46 | 24,311 11 | 3/21/11 | 100 | 1/28/12 | 3.92 | 14-16 | 26, 30 | 32,846 | |
| 681 | Tomp. | 4.72 | | 58,376 83 | 32,333 87 | 11/13/08 | 100 | 9/ 9/11 | 4.72 | 16 | 20-28 | 44,295 | |
| 682 | Tomp. | 3.95 | | 44,856 90 | 25,119 86 | 4/ 7/10 | 100 | 7/31/11 | 7.15 | 16 | 26 | 37,361 | |
| 683 | Tomp. | 3.57 | | 46,347 91 | 25,954 83 | 4/ 7/10 | 100 | 12/21/11 | 5.37 | 16 | 26 | 33,554 | |
| 684 | Cayuga. | 4.39 | | 59,184 85 | 30,061 64 | 12/18/07 | 100 | 7/20/09 | 4.39 | 12 | 24 | 30,930 | |
| 685 | Cayuga. | 4.86 | | 63,063 31 | 34,054 19 | 11/25/08 | 100 | 12/ 1/09 | 4.86 | 14-16 | 26 | 40,211 | |
| 686 | Cayuga. | 8.60 | | 118,695 81 | 59,592 81 | 4/ 9/10 | 100 | 5/27/12 | 6.46 | 14-16 | 24-32 | 55,410 | |
| | | | | | | | | | 2.14 | 14-16 | 24-32 | 17,710 | |
| 686A | Cayuga. | 0.12 | | 3,400 00 | 2,210 00 | 10/31/16 | 100 | 9/28/17 | 0.12 | 16 | 30 | 1,111 | |
| 687 | Cayuga. | 5.30 | | 71,381 14 | 35,545 82 | 3/22/11 | 100 | 12/18/11 | 5.30 | 14 | 24, 28 | 43,531 | |
| 687A | Cayuga. | 0.17 | | 3,498 40 | 1,889 14 | 2/24/12 | 100 | 9/ 9/12 | 0.17 | 14 | 28 | 1,407 | |
| *688 | Orleans | | | | | | | | | | | | |
| 689 | Rock. | 3.53 | | 35,400 00 | 19,200 00 | 1/30/08 | 100 | 10/ 6/08 | 3.53 | 16 | 28 | 33,115 | |
| 690 | Rock. | 4.25 | | 46,408 61 | 23,204 31 | 11/13/08 | 100 | 6/22/10 | 4.25 | 14 | 24 | 34,140 | |
| | | | | | | | | | 5.48 | 12-27 | 26, 27 | 33,124 | |
| 691 | Warren. | 5.73 | | 56,500 00 | 44,070 00 | 1/29/08 | 100 | 11/18/08 | 0.14 | 12 | 26 | 933 | |
| | | | | | | | | | 0.11 | 12 | 26 | 800 | |
| *692 | Warren. | 8.94 | | | | 1/30/08 | 100 | 11/—/08 | 8.94 | 12 | 26 | 62,934 | |
| 693 | Suffolk. | 3.82 | | 37,400 00 | 18,700 00 | 1/30/08 | 100 | 11/ 2/08 | 3.82 | 116 | 28 | 35,316 | |
| 694 | Suffolk. | 7.65 | | 81,276 00 | 40,638 00 | 1/28/08 | 100 | 11/28/08 | 7.65 | 14 | 30 | 62,815 | |
| 695 | Cattar. | 1.20 | | 20,232 92 | 15,218 92 | 2/11/08 | 100 | 1/22/13 | 1.20 | 12 | 22-28 | 8,438 | |
| 696 | Cattar. | 4.04 | | 40,339 47 | 25,413 87 | 2/11/08 | 100 | 7/31/11 | 4.04 | 12 | 22-38 | 28,462 | |
| 697 | Cattar. | 2.27 | | 32,863 66 | 25,683 66 | 2/11/08 | 100 | 1/18/13 | 2.18 | 12 | 21 | 15,330 | |
| | | | | | | | | | 0.09 | 28 | 12 | 600 | |
| | | | | | | | | | | 16 | 28 | 800 | |
| 698 | Chautau. | 1.03 | | 10,600 00 | 5,300 00 | 2/ 5/08 | 100 | 11/30/08 | 1.03 | 12 | 28-36 | 7,270 | |
| 699 | Sullivan | 6.57 | | 69,400 00 | 58,990 00 | 2/11/08 | 100 | 11/16/08 | 6.57 | 14 | 28 | 53,760 | |
| 700 | Sullivan | 5.14 | | 48,854 83 | 43,480 80 | 1/30/08 | 100 | 12/14/08 | 5.14 | 14-16 | 28, 32 | 43,238 | |
| 701 | Frank. | 4.51 | | 44,090 49 | 29,307 83 | 2/ 4/08 | 100 | 10/27/08 | 4.51 | 14 | 30 | 37,182 | |
| 702 | Frank. | 6.19 | | 50,283 45 | 38,718 26 | 1/27/08 | 100 | 8/30/10 | 6.19 | 14 | 30 | 50,846 | |
| 703 | Frank. | 4.19 | | 37,200 00 | 27,140 19 | 1/27/08 | 100 | 10/ 6/08 | 1.25 | 14 | 30 | 10,266 | |
| | | | | | | | | | 2.94 | 14 | 30 | 23,173 | |
| 704 | Chen. | 4.71 | | 47,843 79 | 33,268 12 | 6/12/12 | 100 | 11/25/13 | 4.71 | 12-14 | 24-28 | 34,224 | |
| 705 | Chen. | 3.81 | | 55,598 66 | 35,881 95 | 6/ 8/12 | 100 | 5/ 3/14 | 3.81 | 14 | 26 | 31,402 | |
| *706 | Chen. | | | | | | | | | | | | |
| *707 | Chen. | | | | | | | | | | | | |
| | | | | | | | | | 0.19 | 14 | 24 | 1,572 | |
| 708 | Otego. | 4.27 | | 54,457 48 | 34,308 21 | 11/21/08 | 100 | 12/21/11 | 3.75 | 14 | 24 | 30,830 | |
| | | | | | | | | | 0.33 | 14 | 24 | 2,650 | |
| 709 | Dutch. | 4.69 | | 52,369 06 | 26,184 53 | 5/ 3/11 | 100 | 8/12/12 | 4.69 | 14, 16 | 26, 28 | 39,596 | |
| *710 | Dutch. | | | | | | | | | | | | |
| *711 | Dutch. | | | | | | | | | | | | |
| 712 | Dutch. | 2.29 | | 24,836 61 | 12,418 30 | 3/23/11 | 100 | 8/—/11 | 2.29 | 14 | 26 | 18,808 | |
| | | | | | | | | | 2.90 | 16 | 10 | 24 | 17,045 |
| 713 | Niagara. | 5.13 | | 49,743 59 | 24,871 80 | 11/20/08 | 100 | 9/ 9/11 | 2.23 | 12 | 30-34 | 15,717 | |
| | | | | | | | | | 5.37 | 12 | 22, 30 | 37,660 | |
| 714 | Living. | 5.37 | | 66,014 34 | 35,293 91 | 11/14/08 | 100 | 8/—/10 | 4.54 | 14 | 24 | 37,428 | |
| 715 | Living. | 4.54 | | 62,412 30 | 32,795 37 | 4/15/10 | 100 | 12/21/11 | 4.54 | 14 | 24 | 37,428 | |
| 716 | Living. | 2.24 | | 19,318 32 | 9,659 16 | 4/25/11 | 100 | 7/—/12 | 2.24 | 14 | 30 | 18,278 | |
| 717 | Living. | 5.83 | | 58,158 67 | 29,079 33 | 5/ 2/11 | 100 | 8/24/14 | 5.83 | 14 | 29, 30 | 47,674 | |
| 718 | Living. | 2.12 | | 24,353 24 | 12,244 61 | 6/15/13 | 100 | 7/14/15 | 2.12 | 14 | 28 | 18,700 | |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|---------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|-------|------------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| App. St. | 4 | Li. | 2 | Sc. water | H. O. (4) | 0.823 | 15.765 | | | 663 |
| Li. | 3 | Li. | 3 | Asp. (10) | | 0.930 | 14.880 | | Oiled | 669 |
| Li. | 4 | Li. | 2 | Asp. (7) | | 0.988 | 15.210 | | | 670 |
| Gr. | 4 | Qrs. | 2 | Asp. (7) (8) (1) | | 1.000 | 14.325 | | | 671 |
| S. Con. (13) | 5 | Br. (14) | 4 | | | 2.205 | 25.635 | | | |
| Grv. Con. (17) | 5 | | | T. (17) HO (4) | | 0.841 | 12.000 | 1917 | 3.30 | 2" Bit. Mac. |
| S. Con. (17) | 5 | | | T. (17) HO (4) | | 0.879 | 12.270 | 1917 | 3.11 | 2" Bit. Mac. |
| S. Con. (17) | 5 | Br. (24) (23) | 4 | | | 2.234 | 27.790 | | | 672 |
| App. St. | 4 | Tr. | 2 | Sc. water | | 0.712 | 16.770 | | | *673 |
| Cal. Sh. | 4 | Cal. Sh. | 2 | Sc. water | | 0.713 | | | | 674 |
| Cal. Sh. | 4 | Tr. | 2 | Sc. water | | 0.604 | 10.345 | | Oiled | *675 |
| | 4 | Sy. | 2 | Sc. water | | 0.542 | 8.300 | | | 676 |
| App. St. | 4 | Sy. | 2 | Sc. water | | 0.838 | 11.080 | | | 677 |
| Cal. Sh. | 3 | Cal. Sh. | 3 | Sc. water | | 0.621 | 10.580 | 1917 | 0.90 | F. Con. |
| Set | 14 | Set. | 3 | Sc. water | H. O. (10) | 0.727 | 14.290 | | Oiled | 678 |
| Li. | 3 | Li. | 3 | Sc. water | H. O. (10) | 0.573 | 10.580 | 1914 | 1.89 | Bit. Mac. |
| Li. | 4 | Li. Sy. | 2 | Sc. water | C. O. | 0.805 | 12.345 | | Oiled | 680 |
| Gr. | 3 | Li. | 2 | Sc. water | C. O. ↑ | 0.789 | 11.360 | | Oiled | †681 |
| Gr. | 3 | Li. | 2 | Sc. water | C. O. ↑ | 0.744 | 12.980 | | Oiled | 682 |
| Li. | 4 | Sy. | 2 | Sc. water | | 1.098 | 16.290 | 1917 | 1.18 | 2 1/2" Bit. Mac. |
| Set | 4 | Sy. | 2 | Sc. water | | 0.723 | 13.300 | | Oiled | 684 |
| Li. | 4 | Sy. Tr. | 2 | Ber. (1) | | 1.042 | 14.470 | | Oiled | 685 |
| Li. | 3 | Sy. Tr. | 2 | Ber. (1) | | 0.932 | 13.440 | | Oiled | 686 |
| Imp. Li. | 4 | Imp. Li. | 3 | Asp. (10) | | 1.223 | 23.895 | | | 686A |
| Fld. | 3 | Tr. | 3 | Asp. (3) | | 0.947 | 14.580 | | Oiled | 687 |
| Fld. | 3 | Tr. | 3 | Asp. (10) | | 0.813 | 21.480 | | Oiled | *687A |
| Tr. | 3 | Tr. | 3 | Sc. water | | 0.635 | 10.690 | 1915 | 3.53 | 3" Bit. Mac. |
| Set | 3 | Anor. | 3 | Asp. (10) | | 0.806 | 13.030 | | Oiled | 688 |
| Anor. | 3 | Anor. | 3 | Sc. water | | 0.562 | 11.035 | | | 689 |
| Anor. | 4 | Anor. | 3 | Sc. water | | 0.651 | 11.870 | 1912 | 5.73 | Bit. Mac. |
| Anor. | 6 | Anor. | 3 | Sc. water | | 0.829 | 13.540 | | | 691 |
| Gr. | 3 | Gr. | 3 | Sc. water | | 0.525 | 8.300 | | | *692 |
| App. St. | 3 | Tr. | 3 | Sc. water | Oiled | 0.775 | 9.790 | 1915 | 3.82 | Bit. Mac. |
| App. St. | 3 | Tr. | 3 | Sc. water | | 0.903 | 11.510 | | Oiled | 693 |
| Grv. Con. (1) | 6 | Li. | 12 | Sc. water | T. (16) H.O. (4) | 0.800 | 19.090 | | Oiled | 694 |
| Cal. Sh. | 6 | Li. | 12 | Sc. water | | 0.801 | 11.630 | | Oiled | †695 |
| Grv. Con. | 6 | | | Sand, HO. | | 0.928 | 20.455 | | Oiled | 696 |
| Grv. Con. | 6 | | | Sand, HO. | | 0.928 | 20.455 | | | 697 |
| App. St. | 5 | Grv. Li. | 3 | Sc. water | (Shoulders) | 0.635 | | | | |
| Li. | 3 | Li. | 3 | Sc. water | | 0.906 | 12.270 | 1917 | 1.03 | F. Con. |
| Set | 3 | Set. | 3 | Sc. water | | 0.624 | 11.310 | 1915 | 3.50 | Bit. Mac. |
| Set. | 3 | Set. | 3 | Sc. water | | 0.557 | 11.090 | 1917 | 3.07 | 3" Bit. Mac. |
| Gr. | 3 | Gr. | 3 | Sc. water | | 0.600 | 10.270 | 1917 | 2.50 | 2 1/2" Bit. Mac. |
| Set. | 3 | Set. | 3 | Sc. water | | 0.581 | 8.430 | 1915 | 2.65 | 3" Bit. Mac. |
| Set. | 3 | Set. | 3 | Sc. water | | 0.672 | 8.800 | 1913 | 4.51 | Bit. Mac. |
| Set. | 4 | Set. | 3 | Sc. water | | 0.830 | 10.280 | | Oiled | 700 |
| Grv. | 6 | Grv. | 2 | Water | H. O. (10) | 0.511 | 11.397 | | | 701 |
| Sub. | 6 | App. St. | 3 | Sc. water | H. O. (3) (10). | 0.511 | 11.397 | | | 702 |
| | | | | | | 16.600 | | | | 703 |
| | | | | | | | | | | *706 |
| | | | | | | | | | | *707 |
| Sub. | 6 | Tr. | 2 | Asp. (10) | | 1.157 | 15.980 | | | †708 |
| App. St. | 4 | Tr. | 2 | Asp. (10) | | 0.932 | 13.870 | | | |
| App. St. | 4 | Tr. | 2 | Asp. (10) | | 1.105 | 15.490 | | | |
| Li. | 3 | Li. | 3 | Sc. water | H. O. | 0.641 | 11.770 | | | 709 |
| Li. | 3 | Li. | 3 | Sc. water | | 0.577 | 11.530 | | | *710 |
| Li. | 9 | Li. | 3 | Sc. water | H. O. (10) | 1.042 | 11.890 | | Oiled | *711 |
| Li. | 3 | Li. | 3 | Sc. water | | 1.090 | 11.890 | | | 712 |
| Li. | 5 | Li. | 3 | Sc. water | | 1.670 | 9.470 | | | †713 |
| Bl. | 5 | Li. | 3 | Sc. water | | 0.900 | 14.440 | | Oiled | 714 |
| Gr. | 3 | Li. | 3 | Sc. water | C. O. (10) | 0.775 | 14.620 | | Oiled | 715 |
| Gr. | 3 | Li. | 3 | Sc. water | | 0.538 | 5.050 | | Oiled | 716 |
| Li. | 3 | Li. | 3 | Li. Sc. water | | 0.985 | 13.760 | | | 717 |
| S. Con. (1) | 6 | | | T. (16) H.O. (4) | | 0.812 | 11.840 | | | 718 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1719 | Greene | 5.56 | | \$67,298 02 | \$39,807 45 | 2/11/08 | 100 | 10/24/10 | 5.56 | 14 | 28 | 45,670 |
| 720 | Wash. | 4.75 | | 50,500 00 | 28,785 00 | 2/ 5/08 | 100 | 11/18/08 | 4.75 | 14 | 28 | 6,520 |
| 720A | Wash. | 4.21 | | 2,274 54 | 1,296 49 | 6/15/11 | 100 | 9/ 4/12 | 0.24 | 14 | 28 | 3,982 |
| 721 | Wash. | 3.12 | | 28,200 00 | 16,074 00 | 1/29/08 | 100 | 11/24/08 | 1.05 | 14 | 28 | 1,992 |
| 722 | Wash. | 2.05 | | 21,400 00 | 12,198 00 | 2/ 3/08 | 100 | 11/18/08 | 0.79 | 14 | 28 | 2,316 |
| 723 | Wash. | 4.77 | | 38,245 97 | 20,661 03 | 11/14/08 | 100 | 8/ 3/10 | 1.28 | 14 | 28 | 12,636 |
| 724 | Wash. | 3.98 | | 44,651 26 | 25,451 22 | 2/18/10 | 100 | 8/—/11 | 2.06 | 14 | 28 | 12,053 |
| 725 | Chem. | 0.89 | | 13,396 51 | 6,648 25 | 11/2/08 | 100 | 11/22/09 | 4.77 | 14 | 28 | 39,156 |
| 726 | Madison | 7.53 | | 83,250 00 | 45,787 50 | 2/11/08 | 100 | 11/23/08 | 0.79 | 12 | 24 | 28,008 |
| 727 | Madison | | | | | | | | 7.53 | 16, 32 | 28-31 | 11,850 |
| 728 | Rock | 2.82 | | 37,045 17 | 18,522 58 | 2/19/10 | 100 | 7/—/11 | 2.82 | 12, 10 | 21-28 | 69,159 |
| 729 | Niagara | 3.19 | | 30,481 40 | 15,240 70 | 4/ 7/10 | 100 | 12/ 1/10 | 2.82 | 16 | 28 | 26,803 |
| 730 | Cattar. | 3.44 | | 37,422 17 | 21,330 64 | 1/30/08 | 100 | 12/ 1/09 | 2.82 | 12 | 28 | 8,297 |
| 731 | Cattar. | 2.05 | | 22,100 00 | 12,597 00 | 1/30/08 | 100 | 12/ 9/09 | 2.01 | 12, 16 | 28, 32 | 13,096 |
| 732 | St. Law. | 87.9 | | 75,550 00 | 44,971 59 | 4/23/08 | 100 | 12/ 4/10 | 3.44 | 16 | 32 | 32,293 |
| 733 | St. Law. | 8.01 | | 80,078 41 | 46,450 47 | 4/23/08 | 100 | 12/ 4/10 | 2.03 | 16 | 32 | 19,234 |
| 734 | St. Law. | 5.11 | | 47,467 59 | 29,865 65 | 11/25/08 | 100 | 12/ 4/10 | 8.79 | 12 | 28 | 61,866 |
| 735 | St. Law. | 7.52 | | 93,405 70 | 59,448 59 | 2/18/10 | 100 | 12/ 4/10 | 8.01 | 12 | 20, 28 | 56,385 |
| 736 | Warren | 4.12 | | 37,490 30 | 29,234 64 | 11/14/08 | 100 | 1/30/11 | 4.47 | 10, 64 | 16 | 24 |
| 737 | Cort. | 5.75 | | 62,112 64 | 39,130 96 | 11/25/08 | 100 | 8/26/10 | 7.52 | 14, 16 | 24-32 | 65,343 |
| 738 | Cort. | 6.50 | | 78,483 25 | 43,792 71 | 6/ 2/10 | 100 | 11/—/11 | 4.12 | 14 | 20 | 33,516 |
| 739 | Orange | | | | | | | | 3.22 | 12-14 | 22-26 | 18,969 |
| 740 | Niagara | 2.75 | | 30,834 00 | 16,417 00 | 4/ 7/10 | 100 | 12/14/10 | 6.50 | 15 | 26 | 57,159 |
| 741 | Saratoga | 4.06 | | 47,760 83 | 23,880 41 | 3/27/11 | 100 | 9/—/11 | 2.75 | 16 | 32 | 25,785 |
| 742 | Steuben | 4.33 | | 52,700 00 | 29,512 00 | 1/30/08 | 100 | 11/18/08 | 4.06 | 14 | 24, 28 | 33,360 |
| 743 | Suffolk | 4.0 | | 44,600 00 | 22,300 00 | 1/30/08 | 100 | 12/11/08 | 4.33 | 16 | 28-30 | 40,896 |
| 744 | Essex | 3.77 | | 30,394 80 | 22,188 20 | 5/18/08 | 100 | 10/—/08 | 4.08 | 16 | 28 | 38,400 |
| 745 | Essex | 5.46 | | 71,899 66 | 36,081 66 | 5/18/08 | 100 | 11/21/09 | 3.77 | 14 | 28 | 31,001 |
| 746 | Oswego | 1.11 | | 12,062 02 | 7,719 69 | 4/19/10 | 100 | 12/—/10 | 5.46 | 14 | 24, 26 | 46,320 |
| 747 | Dela. | 5.9 | | 92,785 07 | 69,494 83 | 12/ 5/08 | 100 | 11/—/09 | 1.11 | 14 | 28 | 9,115 |
| 748 | Dutch | 5.4 | | 85,932 13 | 44,466 80 | 4/27/11 | 100 | 10/11/12 | 5.9 | 16 | 28-32 | 55,289 |
| 749 | Niagara | 10.30 | | | | 6/23/11 | 100 | 3/21/11 | 13.51 | 16 | 28-30 | 33,007 |
| 750 | Erie | 5.94 | | 68,632 94 | 35,689 13 | 11/14/08 | 100 | 9/21/10 | 1.97 | 16 | 28-30 | 18,468 |
| 751 | Erie | 7.03 | | 177,144 11 | 102,743 58 | 5/28/10 | 100 | 9/ 4/12 | 10.30 | 12 | 32 | 96,680 |
| 752 | Cayuga | 2.75 | | 32,481 12 | 16,553 00 | 6/15/12 | 100 | 11/12/13 | 1.66 | 12-25 | 29-39 | 31,658 |
| 753 | Cayuga | 1.41 | | 12,905 49 | 6,581 80 | 6/29/12 | 100 | 12/20/12 | 4.28 | 16 | 28 | 66,328 |
| 754 | Steuben | 1.45 | | 12,856 18 | 6,813 78 | 11/14/08 | 100 | 8/13/10 | 7.03 | 12, 16 | 24 | 21,147 |
| 755 | Albany | 4.25 | | 53,212 68 | 30,436 87 | 4/12/10 | 100 | 9/ 9/11 | 1.41 | 12 | 26 | 9,905 |
| 756 | Essex | 7.03 | | 92,342 46 | 72,027 12 | 5/18/08 | 100 | 12/ 3/09 | 2.45 | 14-24 | 24-31 | 20,221 |
| 757 | Niagara | | | 40,641 48 | 20,550 28 | 6/21/12 | 100 | 11/12/13 | 1.51 | 14-16 | 28-32 | 12,867 |
| 758 | Niagara | 8.33 | | 111,294 25 | 60,161 26 | 3/ 5/14 | 100 | 11/26/15 | 7.03 | 14 | 26 | 67,528 |
| 758A | Niagara | | | | | | | | 9.50 | 16 | 32 | 4,707 |
| 759 | Niagara | 2.15 | | 53,558 74 | 32,251 18 | 6/12/12 | 100 | 7/23/13 | 2.28 | 16 | 32 | 21,714 |
| 760 | Monroe | 3.83 | | 32,269 36 | 16,400 08 | 3/ 6/14 | 100 | 12/ 7/14 | 8.33 | 16 | 32-38 | 78,503 |
| 761 | Oncida. | 6.2 | | 80,468 20 | 40,393 43 | 4/ 9/10 | 100 | 12/30/11 | 2.15 | 16 | 28 | 20,184 |
| 762 | Colum. | 6.02 | | 87,545 33 | 49,720 50 | 3/ 2/10 | 100 | 6/12/11 | 6.02 | 16 | 26 | 35,955 |
| 763 | Colum. | 7.14 | | 151,100 00 | 77,784 34 | 4/ 4/11 | 90 | | 1.14 | 12 | 26 | 5,954 |
| 764 | Monroe | | | | | | | | | | | 66,718 |
| 765 | Renss. | 4.12 | | 41,571 70 | 20,785 85 | 4/20/12 | 100 | 1/ 8/13 | 4.12 | 16 | 24 | 39,726 |
| 766 | Monroe | 7.12 | | 86,236 63 | 43,118 31 | 1/13/15 | 100 | 10/26/16 | 7.12 | 16 | 26 | 66,841 |
| 767 | Monroe | | | | | | | | | | | |
| 768 | West. | 5.86 | | 59,973 52 | 39,986 76 | 6/20/08 | 100 | 8/ 1/10 | 5.86 | 14 | 24, 28 | 48,420 |
| 769 | West. | 4.21 | | 44,591 40 | 22,295 70 | 11/20/08 | 100 | 12/22/10 | 4.21 | 14 | 22-28 | 34,476 |

* See list by counties.

† Changed from original plans.

‡ Including \$2,032.50 additional paid by village.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|------------------------|-----------|-------------------|-----------------------------|-----------------------------|------------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Cal. Sh. | 3 | Cal. Sh. | 5 | Asp. (2) Ber. (1) | 0.902 | 12,500 | } | | Oiled. | †719 |
| App. St. | 3 | App. St. | 3 | So., water. | 0.450 | | | | | |
| Set. | 3 | Tr. f. | 3 | So., water. | 0.767 | 11,520 | | | | 720 |
| Li. | 3 | Li. | 3 | So., water. | 0.611 | 10,145 | | | | 720A |
| App. St. | 3 | App. St. | 3 | So., water. | 0.575 | 10,330 | | | | |
| | 3 | Tr. | 3 | So., water. | 0.659 | 11,120 | 1915 | 1.86 | Bit. Mac. | 721 |
| | 3 | Grv. | 6 | So., water. | 0.158 | 6,410 | | | | |
| Fld. | 3 | Fld. | 3 | So., water. | 0.571 | 11,050 | | | Oiled. | 722 |
| Grn. | 3 | Grn. | 3 | So., water. | 0.455 | 8,070 | 1917 | 0.93 | 1" WB | 723 |
| Qrs. | 4 | Qrs. | 2 | Asp. (10) | 0.750 | 12,980 | 1917 | 3.98 | 2" Bit. Mac. | 724 |
| Li. | 3 | Tr. | 3 | So., water. | 0.771 | 11,350 | 1915 | 0.15 | Hendersonian. | †725 |
| Li. | 4 | Sy. | 2 | So., water. | 0.805 | 11,203 | | | Oiled. | 726 |
| | | | | | | | | | | *727 |
| App. St. | 4 | Tr. | 12 | Asp. (10) | 0.739 | 13,147 | | | Oiled. | 728 |
| Li. | 5 | Li. | 2 | Asp. (3) | 0.793 | 11,270 | 1916 | 3.19 | 2 1/2" Bit. Mac. | †729 |
| Li. | 4 | Li. | 2 | Asp. (3) | 0.702 | 10,397 | | | | |
| Li. | 4 | Li. | 4 | So., water. | 0.893 | 10,813 | | | Oiled. | 730 |
| Li. | 4 | Li. | 4 | So., water. | 0.921 | 10,975 | | | Oiled. | 731 |
| Li. | 4 | Li. | 2 | So., water. | 0.739 | 10,348 | 1915 | 8.79 | Bit. Mac. | 732 |
| Grn., Li. | 4 | Grn., Li. | 2 | So., water. | 0.733 | 10,343 | 1916 | 5.59 | Bit. Mac. | 733 |
| | | | | | | | 1916 | 2.52 | 3" Bit. Mac. | |
| Grn. | 4 | Gn. | 2 | So., water. | 0.671 | 10,640 | | | Oiled. | 734 |
| Grn. | 4 | Gn. | 2 | Asp. (3) | 0.840 | 12,225 | | | Oiled. | |
| Gn. | 4 | Gn., Gn. | 2 | Asp. (10) | 0.891 | 12,710 | | | Oiled. | 735 |
| Gn. | 3 | Grn. f. | 2 | So., water. | 0.495 | 9,720 | 1915 | 4.12 | Bit. Mac. | 736 |
| Li. | 3 | Li. | 3 | Asp. f (10) | 0.872 | 13,130 | | | | 737 |
| Li. | 3 | Sy. | 3 | So., water. | 0.649 | 11,090 | | | | |
| Li. | 4 | Li. | 2 | Ber. (1) | 0.971 | 12,460 | | | Oiled. | 733 |
| | | | | | | | | | | *739 |
| Li. | 4 | Li. | 2 | Ber. (1) | 0.722 | 11,470 | | | Oiled. | 740 |
| Gn. | 14 | Gn. | 3 | Asp. (10) | 0.825 | 12,720 | | | Oiled. | 741 |
| Set. | 4 | Li. | 3 | So., water. | 0.890 | 12,170 | | | Oiled. | 742 |
| App. St. | 3 | Tr. | 3 | So., water. | 0.888 | 10,930 | 1913 | 2.33 | Bit. Mac. | 743 |
| | | | | | | | 1916 | 1.75 | F. Con. | |
| Li. | 3 | Li. | 3 | So., water. | 0.543 | 8,575 | 1917 | 3.77 | 3" Bit. Mac. | 744 |
| Gn. | 3 | Gn. | 3 | Asp. (10) | 0.985 | 13,140 | 1914 | 0.39 | Bit. Mac. | 745 |
| Sub. 5" Fld. 2" | 7 | Li. | 2 | So., water. | 0.685 | 11,700 | | | Oiled. | 746 |
| Set. | 4 | Tr. | 2 | Asp. (10) | 1.033 | 15,570 | | | | 747 |
| Qrs. | 3 | Li. | 3 | App. (10) (3) | 0.905 | 15,710 | | | | 748 |
| Qrs. | 3 | Li. | 3 | So., water. | 0.634 | 13,160 | | | | |
| Li. | 3 | Li. | 3 | Asp. (2) | | | | | | *749 |
| Li. | 5 | Li. | 3 | Ro. Asp. (14) | 1.063 | 13,635 | | | | 750 |
| Li. | 5 | Li. | 2 1/2 | Ro. Asp. (14) | 1.040 | 13,420 | | | | |
| S. Con (1) (16) | 5 | Br. (7, 9, 22, 23, 27) | 4 | | 2.124 | 24,650 | | | | †751 |
| Sub. | 6 | App. St. | 2 | So., water. | 0.863 | 13,330 | 1917 | 0.77 | F. Con. | 752 |
| Grv. | 6 | Grv. | 3 | Glu. (20) | 0.779 | 10,990 | | | | 753 |
| Set. | 5 | Li. | 3 | So., water. | 0.874 | 10,905 | | | Oiled. | 754 |
| Li. | 4 | Li. | 3 | Asp. (10) | 0.960 | 15,930 | | | | 755 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.835 | 14,760 | | | | |
| Gn. | 4 | Gn. | 2 1/2 | So., water. | 0.811 | 14,110 | 1912 | 7.03 | Bit. Mac. | 756 |
| S. Con (5) (11) | 5 | Br. (19) | 4 | | 2.011 | 24,145 | | | | 757 |
| S. Con (5) (11) | 6 | T. (17) | 3 | H. O. (3) | 0.876 | 11,830 | | | | *758 |
| | | F. Con. (6, 8) | 6 1/2 | | 1.093 | 13,300 | | | | 753A |
| S. Con. (11) | 5 | Br. (1) (10) (25) | 4 | | 1.983 | 24,250 | | | | 759 |
| Set. | 4 | Gn. | 3 | So., water. | 0.635 | 7,840 | | | | 760 |
| Li. | 4 | Li. | 13 | Asp. (10) | 0.933 | 12,490 | | | Oiled. | 761 |
| Li. | 4 | Li. | 2 | Ber. (1) | 0.892 | 14,540 | | | Oiled. | 762 |
| Qrs. | 3 | Qrs. | 3 | Asp. (10) | 0.880 | 23,483 | | | | *763 |
| Grv. | 3 | Grv. | 3 | (Shoulders) | 0.321 | | | | | |
| | | | | | | | | | | *764 |
| Grv. | 6 | Grv. | 4 | | 0.557 | 10,090 | | | Oiled. | 765 |
| Grv. | 5 | Li. | 3 | So., water. | 0.679 | 12,109 | | | | 766 |
| | | | | H. O. (10) | | | | | | 767 |
| Gn. | 3 | Gn. | 3 | So., water. | 0.413 | 10,700 | | | | 768 |
| Gn. | 3 | Gn. | 3 | Asp. (2) | 0.679 | 11,400 | | | | †769 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 770 | West... | 3.50 | ..... | \$54,794 77 | \$27,397 39 | 5/13/10 | 100 | 1/23/12 | 3.50 | 14 | 28 | 28,716 |
| 771 | Niagara... | 3.70 | ..... | 52,781 06 | 30,601 41 | 3/22/11 | 100 | 12/21/11 | 3.78 | 16 | 30 | 34,759 |
| 772 | Oswego... | 2.38 | ..... | 32,000 00 | 16,273 43 | 8/24/16 | 100 | | | 16 | 28 | 22,354 |
| 773 | Niagara... |  | ..... |  |  |  |  |  |  |  |  |  |
| 774 | Niagara... |  | ..... |  |  |  |  |  |  |  |  |  |
| 775 | West... | 4.42 | ..... | 48,714 64 | 24,357 32 | 2/19/10 | 100 | 1/ 4/11 | 4.42 | 14 | 24, 26 | 26,000 |
| 776 | Clinton... | 7.26 | ..... | 74,511 30 | 37,255 65 | 2/19/10 | 100 | 12/10/10 | 7.26 | 14 | 24, 28 | 59,639 |
| 777 | Clinton... | 4.33 | ..... | 45,476 24 | 22,738 12 | 3/22/11 | 100 | 12/18/11 | 4.33 | 14-16 | 26, 32 | 33,403 |
| 778 | Clinton... |  | ..... |  |  |  |  |  |  |  |  |  |
| 779 | Clinton... |  | ..... |  |  |  |  |  |  |  |  |  |
| 780 | West... | 2.91 | ..... | 40,476 58 | 20,238 29 | 3/17/10 | 100 | 7/31/11 | 2.91 | 16 | 28 | 26,885 |
| 781 | Oswego... | 0.80 | ..... | 9,342 00 | 4,671 00 | 9/30/08 | 100 | 11/ 7/08 | 0.80 | 16 | 26, 28 | 7,584 |
| 782 | Oswego... | 0.43 | ..... | 4,700 00 | 2,350 00 | 9/22/08 | 100 | 11/ 9/08 | 0.43 | 14-35 | 25-30 | 3,563 |
| 783 | Oswego... | 0.63 | ..... | 7,209 00 | 3,604 50 | 9/22/08 | 100 | 11/ 9/08 | 0.63 | 14-16 | 26-34 | 6,272 |
| 784 | Oswego... | 3.12 | ..... | 46,330 76 | 23,165 38 | 11/14/08 | 100 | 11/15/10 | 3.12 | 16 | 24-32 | 29,256 |
| 785 | Oswego... |  | ..... |  |  |  |  |  |  |  |  |  |
| 786 | Oswego... | 3.76 | ..... | 42,151 84 | 21,075 92 | 4/ 9/10 | 100 | 1/19/12 | 3.76 | 14 | 28 | 30,904 |
| 787 | Oswego... | 0.47 | ..... | 7,606 94 | 3,803 47 | 4/ 9/10 | 100 | 2/17/11 | 0.47 | 12-13 | 33 | 3,463 |
| 788 | Schenectady... | 7.20 | ..... | 86,331 10 | 43,165 55 | 11/14/08 | 100 | 12/19/10 | 4.63 | 14 | 26 | 38,021 |
|  |  |  | ..... |  |  |  |  |  | 2.57 | 14 | 28 | 21,124 |
| 789 | Schenectady... | 5.71 | ..... | 77,566 49 | 38,783 24 | 2/19/10 | 100 | 1/23/12 | 5.74 | 14 | 26 | 47,160 |
| 790 | Albany... | 2.17 | ..... | 28,253 09 | 14,126 54 | 3/21/11 | 100 | 9/ 9/11 | 2.17 | 16 | 24, 26 | 20,369 |
| 791 | Albany... |  | ..... |  |  |  |  |  |  |  |  |  |
| 792 | Albany... |  | ..... |  |  |  |  |  |  |  |  |  |
| 793 | Schenectady... | 2.34 | ..... | 26,101 22 | 13,050 61 | 3/31/11 | 100 | 9/ 9/12 | 2.34 | 14 | 24 | 19,596 |
| 794 | Suffolk... | 9.91 | ..... | 131,358 22 | 65,679 11 | 11/14/08 | 100 | 9/22/10 | 9.99 | 16, 19 | 32 | 94,440 |
| 795 | Sullivan... | 6.20 | ..... | 82,865 50 | 41,432 75 | 11/20/08 | 100 | 7/19/10 | 6.20 | 14 | 26 | 51,024 |
| 796 | Greene... | 4.62 | ..... | 57,436 19 | 28,718 09 | 11/14/08 | 100 | 12/16/09 | 4.62 | 16 | 26, 28 | 43,372 |
| 797 | Greene... | 3.41 | ..... | 47,390 96 | 23,695 48 | 2/19/10 | 100 | 1/ 5/11 | 2.14 | 16 | 22-32 | 20,050 |
|  |  |  | ..... |  |  |  |  |  | 1.27 | 16 | 26-36 | 11,931 |
| 798 | Putnam... | 2.82 | ..... | 53,243 37 | 26,621 69 | 2/17/10 | 100 | 12/22/10 | 1.80 | 14 | 26 | 14,796 |
|  |  |  | ..... |  |  |  |  |  | 1.02 | 14 | 26 | 8,332 |
| 799 | Niagara... | 4.21 | ..... | 59,335 21 | 29,667 60 | 9/14/15 | 100 | 1/11/15 | 4.21 | 10-30 | 32 | 39,658 |
|  |  |  | ..... |  |  |  |  |  | 1.04 | 16 | 32 | 10,130 |
| 800 | Niagara... | 7.78 | ..... | 124,000 00 | 62,000 00 | 6/ 9/16 | 13 | | 6.61 | 16 | 32 | 62,061 |
|  |  |  | ..... |  |  |  |  |  | 0.09 | 16 | 32 | 889 |
| 801 | Albany... | 4.64 | ..... | 47,155 24 | 23,577 62 | 4/ 5/10 | 100 | 2/13/13 | 4.64 | 14 | 24-32 | 38,101 |
| 802 | Washington... | 5.24 | ..... | 64,671 39 | 32,335 69 | 3/30/11 | 100 | 2/ 9/14 | 2.85 | 14-26 | 24-43 | 23,663 |
|  |  |  | ..... |  |  |  |  |  | 2.39 | 14 | 24 | 19,639 |
| 803 | Washington... | 8.23 | ..... | 71,609 91 | 35,804 95 | 5/ 3/12 | 100 | 6/14/14 | 4.55 | 14-16 | 30-32 | 38,211 |
|  |  |  | ..... |  |  |  |  |  | 3.68 | 14-16 | 30-32 | 30,700 |
| 804 | Warren... | 7.03 | ..... | 81,668 67 | 40,834 33 | 2/19/10 | 100 | 1/ 8/12 | 4.46 | 14, 16 | 26 | 37,539 |
|  |  |  | ..... |  |  |  |  |  | 2.63 | 14 | 26 | 21,644 |
| 805 | Warren... | 3.67 | ..... | 37,913 46 | 18,956 73 | 4/29/11 | 100 | 1/ 5/12 | 3.67 | 14 | 26 | 30,360 |
| 806 | Chemung... | 5.61 | ..... | 96,735 21 | 48,367 60 | 10/20/14 | 100 | 12/28/15 | 4.96 | 14-26 | 24-32 | 41,779 |
|  |  |  | ..... |  |  |  |  |  | 0.67 | 26-37 | 26-37 | 11,608 |
| 807 | Chemung... |  | ..... |  |  |  |  |  |  |  |  |  |
| 808 | Chemung... | 0.97 | ..... | 20,639 00 | 10,319 50 | 12/23/08 | 100 | 12/25/09 | 0.97 | 16-24 | 26-30 | 11,239 |
| 809 | Chemung... | 0.70 | ..... | 12,940 96 | 6,470 48 | 12/23/08 | 100 | 11/20/09 | 0.70 | 16-44 | 22, 44 | 8,445 |
| 810 | Monroe... | 1.03 | ..... | 9,742 25 | 4,871 12 | 3/12/14 | 100 | 9/20/14 | 1.03 | 16 | 26-28 | 9,693 |
| 811 | Madison... | 2.33 | ..... | 25,696 97 | 12,848 48 | 4/17/10 | 100 | 10/25/10 | 2.38 | 14 | 26 | 19,543 |
|  |  |  | ..... |  |  |  |  |  | 0.86 | 16 | 28 | 8,100 |
| 812 | Madison... | 4.80 | ..... | 52,163 05 | 26,081 52 | 4/17/10 | 100 | 12/17/10 | 1.90 | 16 | 28 | 17,804 |
|  |  |  | ..... |  |  |  |  |  | 0.92 | 16 | 28 | 8,563 |
|  |  |  | ..... |  |  |  |  |  | 1.12 | 16 | 28 | 10,496 |
| 813 | Herk... |  | ..... |  |  |  |  |  |  |  |  |  |
| 814 | Jeff... | 5.31 | ..... | 55,964 23 | 27,982 11 | 6/12/12 | 100 | 12/ 2/13 | 5.31 | 14 | 26 | 43,650 |
|  |  |  | ..... |  |  |  |  |  | 0.12 | 16 | 28 | 1,085 |
| 815 | Saratoga... | 6.23 | ..... | 86,658 11 | 43,329 05 | 3/27/11 | 100 | 3/22/12 | 1.28 | 16, 14 | 30-45 | 11,041 |
|  |  |  | ..... |  |  |  |  |  | 1.04 | 16, 14 | 30-32 | 8,605 |
|  |  |  | ..... |  |  |  |  |  | 3.79 | 16, 14 | 25-40 | 31,650 |
| 816 | Saratoga... |  | ..... |  |  |  |  |  |  |  |  |  |
| 817 | Saratoga... | 3.57 | ..... | 39,773 15 | 19,886 57 | 8/31/15 | 100 | 1/29/17 | 3.49 | 14 | 26 | 28,713 |
|  |  |  | ..... |  |  |  |  |  | 0.08 | 14 | 26 | 632 |
| 818 | Saratoga... |  | ..... |  |  |  |  |  |  |  |  |  |
| 819 | Saratoga... |  | ..... |  |  |  |  |  |  |  |  |  |
| 820 | Frank... | 6.52 | ..... | 66,177 82 | 33,088 91 | 2/18/10 | 100 | 11/28/10 | 6.52 | 14-18 | 28-36 | 53,924 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|---------------|-----------------------------|-----------------------------|------------------|--------|------------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 10'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Gn. | 3 | Gn. | 3 | Asp. (3) (10) | 0.814 | 16,320 | | | 770 | |
| Set. | 4 | Set. | 3 | Asp. (3) | 0.915 | 14,010 | | Oiled. | *771 | |
| Sub. | 9 | App. St. | 3 | Sc., water | 0.904 | 11,445 | | | 772 | |
| Gn. | 4 | Gn. | 12 | Asp. (10) | 0.813 | 12,010 | | Oiled. | *774 | |
| Set. | 4 | Set. | 2 | Asp. (10) | 0.802 | 11,210 | | Oiled. | 775 | |
| Li. | 3 | Li. | 3 | Asp. (3) | 0.784 | 10,760 | | | 776 | |
| Gn. | 4 | Tr. | 2 | Asp. (10) | 0.841 | 13,910 | | Oiled. | 777 | |
| App. St. | 3 | App. St. | 3 | Sc., water | 0.825 | 11,680 | | | *779 | |
| App. St. | 4 | Tr. | 2 | Sc., water | 0.806 | 11,710 | | | 780 | |
| App. St. | 4 | Tr. | 2 | Sc., water | 0.776 | 10,490 | | Oiled. | 781 | |
| Set. | 3 | Li. | 3 | Asp. (10) | 0.969 | 14,850 | | | 782 | |
| Li. | 3 | Li. | 3 | Sc., water | H. O. (10) | 0.720 | 11,880 | | Oiled. | *783 |
| Com. (8) | 5 | Br. (10) | 4 | Sc., water | H. O. (10) | 1.953 | 20,135 | 1917 | 2.73 | 784 |
| Li. | 3 | Li. | 3 | Sc., water | | 0.698 | 11,910 | | 2" Bit. Mac. | *785 |
| Li. | 3 | Li. | 3 | Asp. (10) | | 1.017 | 14,910 | | | 786 |
| Gn. | 4 | Set. | 13 | Asp. (10) | | 0.976 | 14,640 | | | 787 |
| Set. | 3 | Set. | 3 | Asp. (10) | | 0.664 | 13,020 | 1914 | 0.51 | *788 |
| Set. | 3 | Li. | 3 | Sc., water | H. O. (10) | 0.758 | 11,930 | | Oiled. | 789 |
| Set. | 3 | Tr. | 3 | Asp. (10) | | 1.146 | 12,515 | 1917 | 1.34 | *790 |
| Set. | 3 | Set. | 3 | Asp. (2) | | 0.722 | 14,200 | 1917 | 1.61 | 791 |
| Set. | 3 | Set. | 3 | Asp. (2) | | 0.785 | 12,430 | 1914 | 2.45 | *792 |
| Set. | 4 | Set. | 3 | Asp. (10) | | 0.818 | 13,440 | | 2 1/2" Bit. Mac. | 793 |
| Set. | 4 | Set. | 3 | Asp. (10) | | 0.930 | 14,490 | | Bit. Mac. | 794 |
| Gn. | 4 | Gn. | 13 | Asp. (10) | | 0.827 | 20,240 | | | 795 |
| Gn. | 4 | Gn. | 7 | Asp. (10) | | 0.744 | 19,460 | | | 796 |
| F. Con. (20) | | F. Con. | 7 | Sc., water | | 1.042 | 13,320 | | | 797 |
| F. Con. | | F. Con. | 8 | Sc., water | | 1.426 | 17,060 | | | 798 |
| F. Con. | | F. Con. | 7 | Sc., water | | 1.231 | 15,230 | | | 799 |
| App. St. | 5 | App. St. | 3 | Sc., water | | 1.124 | 13,125 | 1914 | 4.64 | 800 |
| Li. | 6 | Li. | 2 | Sc., water | H. O. (3) | 0.701 | 11,270 | | 4 64 Bit. Mac. | 801 |
| Li. | 6 | Li. | 3 | Sc., water | H. O. (3) | 0.556 | 12,180 | | | 802 |
| Li. | 6 | Li. | 3 | Sc., water | H. O. (10) | 0.703 | 13,560 | | | 803 |
| Li. | 6 | Li. | 3 | Sc., water | H. O. (10) | 0.624 | 9,134 | | Oiled. | 804 |
| Li. | 6 | Li. | 3 | Sc., water | H. O. (10) | 0.628 | 9,173 | | | 805 |
| Gn. | 4 | Gn. | 2 | Asp. (10) | | 0.706 | 11,961 | 1915 | 0.19 | *806 |
| Gn. | 4 | Gn. | 3 | Asp. (10) | | 0.803 | 12,872 | | Bit. Mac. | 807 |
| Gn. | 4 | Gn. | 3 | Asp. (1) | | 0.713 | 11,130 | | Oiled. | 808 |
| Gn. | 6 | Li. | 3 | Sc., water | | 0.760 | 13,730 | | | 809 |
| Com. (8) | 5 | Br. (32, 14) | 4 | Sc., water | | 2.089 | 26,210 | | | *810 |
| Tr. | 3 | Tr. | 3 | Asp. (12) | | 1.171 | 18,290 | | | 811 |
| Li. | 3 | Li. | 3 | Asp. (10) | | 0.862 | 16,030 | | | 812 |
| Li. | 3 | Li. | 3 | Sc., water | | 0.467 | 9,248 | | | 813 |
| Li. | 3 | Li. | 2 | Sc., water | | 0.554 | 11,410 | 1915 | 2.39 | 814 |
| Li. | 4 | Li. | 2 | Asp. (10) | | 0.816 | 10,600 | | Bit. Mac. | 815 |
| Dol. | 9 | Dol. | 2 | Asp. (10) | | 0.996 | 12,290 | | Oiled. | 816 |
| App. St. | 9 | App. St. | 2 | Asp. (10) | | 0.900 | 11,390 | | | *817 |
| App. St. | 4 | Dol. | 2 | Asp. (10) | | 0.721 | 9,710 | | | 818 |
| Li. | 6 | Li. | 3 | Sc., water | Glutrin | 0.742 | 11,243 | | Oiled. | *819 |
| Li. | 4 | Li. | 3 | Asp. (1) | | 0.621 | 11,790 | | | 820 |
| Li. | 4 | Li. | 3 | Asp. (1) | | 0.941 | 14,790 | | Oiled. | 821 |
| Li. | 4 | Li. | 3 | Asp. (1) | | 0.898 | 14,390 | | | *822 |
| Li. | 4 | Li. | 3 | Asp. (1) | | 0.854 | 13,980 | | | 823 |
| Dol. | 8 | Dol. | 3 | Sc., water | H. O. (10) | 0.733 | 12,040 | | | *824 |
| Dol. | 4 | Dol. | 3 | Sc., water | H. O. (10) | 0.631 | 11,082 | | | 825 |
| Gn. | 14 | Gn. | 12 | Asp. (10) | | 0.767 | 10,840 | 1916 | 2.60 | *826 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement | |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|--------|
| | | Accepted | Under contract | | | | | | | | | | |
| 821 | Essex... | 5.50 | ..... | \$63,103 36 | \$47,327 52 | 2/19/10 | 100 | 8/ 7/11 | 5.50 | 14 | 24, 28 | 45,288 | |
| 822 | Clinton. | 6.72 | ..... | 71,658 12 | 57,878 95 | 10/ 6/14 | 100 | 11/18/15 | 0.92 | 14 | 26 | 7,583 | |
| 823 | Sullivan | 4.83 | ..... | 76,190 22 | 66,235 49 | 4/ 9/10 | 100 | 1/23/12 | 1.80 | 14 | 26 | 14,817 | |
| 824 | Sullivan | 3.34 | ..... | 53,293 97 | 46,365 75 | 4/27/11 | 100 | 10/10/12 | 4.00 | 14 | 26 | 33,000 | |
| 825 | Oswego. | 3.33 | ..... | 39,917 11 | 23,151 92 | 3/25/11 | 100 | 12/21/11 | 4.83 | 14 | 24 | 39,663 | |
| 826 | Oswego. | 5.91 | ..... | 65,029 27 | 36,490 79 | 3/23/11 | 100 | 1/ 8/12 | 3.33 | 14 | 28 | 27,372 | |
| 827 | Colum. | 6.70 | ..... | 85,244 44 | 42,622 22 | 6/13/12 | 100 | 12/19/13 | 5.91 | 14 | 28 | 43,563 | |
| 828 | Livingston | 7.17 | ..... | 106,998 98 | 56,549 34 | 6/14/12 | 100 | 1/16/13 | 6.70 | 14, 16 | 24 | 55,036 | |
| 829 | Livingston | 4.17 | ..... | 44,473 90 | 22,608 03 | 3/18/14 | 100 | 10/ 1/14 | 3.33 | 14, 16 | 26 | 27,749 | |
| 830 | Herk.... | 3.56 | ..... | 35,490 03 | 21,648 92 | 5/10/15 | 100 | 9/22/16 | 3.84 | 14 | 28 | 31,566 | |
| 831 | Herk.... | 5.63 | ..... | 57,849 75 | 34,709 85 | 5/14/15 | 100 | 2/ 9/17 | 4.17 | 16 | 26-32 | 39,103 | |
| 832 | Niagara. | 2.51 | ..... | 47,644 09 | 24,668 66 | 6/18/12 | 100 | 10/26/13 | 3.56 | 16 | 26 | 32,429 | |
| 833 | Otsego. | 5.43 | ..... | 55,632 56 | 37,796 37 | 3/24/11 | 100 | 8/12/13 | 5.63 | 16 | 25 | 52,840 | |
| 834 | Broome. | 7.50 | ..... | 82,784 35 | 44,703 55 | 4/ 5/10 | 100 | 2/20/11 | 1.33 | 16 | 32 | 12,480 | |
| 835 | Jeff.... | 7.04 | ..... | 71,330 38 | 46,397 25 | 3/12/14 | 100 | 11/30/14 | 1.18 | 16 | 32 | 11,121 | |
| 836 | Jeff.... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.43 | 14 | 24 | 44,666 | |
| 837 | Oneida.. | 4.74 | ..... | 56,439 02 | 31,041 46 | 3/23/11 | 100 | 1/23/12 | 7.50 | 14, 16 | 26, 28 | 62,361 | |
| 838 | Oneida.. | 0.56 | ..... | 9,103 57 | 4,733 86 | 3/23/11 | 100 | 1/23/12 | 1.92 | 12, 16 | 24 | 14,039 | |
| 839 | Oneida.. | 1.20 | ..... | 13,861 57 | 7,901 09 | 3/27/11 | 100 | 1/18/12 | 5.12 | 12, 16 | 22-26 | 36,340 | |
| 840 | Oneida.. | 4.37 | ..... | 55,618 47 | 27,809 24 | 5/10/11 | 100 | 4/23/12 | 4.61 | 16 | 26 | 43,240 | |
| 841 | Essex... | 4.45 | ..... | 60,903 07 | 43,857 05 | 2/19/10 | 100 | 1/10/11 | 0.13 | 16 | 26 | 1,255 | |
| 842 | Saratoga | 0.27 | ..... | 4,650 46 | 2,325 23 | 2/19/10 | 100 | 11/17/10 | 0.56 | 16 | 28 | 5,220 | |
| 843 | Warren. | 0.17 | ..... | 2,633 32 | 1,711 66 | 5/28/10 | 100 | 1/ 5/12 | 1.20 | 16 | 28 | 11,285 | |
| 844 | Jeff.... | 1.06 | ..... | 14,191 83 | 7,379 75 | 6/19/12 | 100 | 7/30/13 | 4.37 | 16 | 28 | 39,550 | |
| 845 | Tioga... | 4.01 | ..... | 38,616 35 | 25,872 95 | 4/13/10 | 100 | 12/18/11 | 4.45 | 16 | 24, 28 | 41,760 | |
| 846 | Suffolk.. | 5.28 | ..... | 83,917 96 | 41,958 98 | 4/14/10 | 100 | 1/24/13 | 0.27 | 16 | 26 | 2,543 | |
| 847 | Lewis... | 5.42 | ..... | 62,768 40 | 43,310 20 | 4/ 7/10 | 100 | 1/23/12 | 0.17 | 16 | 28 | 1,928 | |
| 848 | Hamilton | 3.74 | ..... | 53,887 35 | 37,721 14 | 4/11/10 | 100 | 2/ 8/11 | 1.06 | 28, 32 | 32 | 9,950 | |
| 849 | Albany... | 1.10 | ..... | 28,447 74 | 14,207 36 | 5/28/10 | 100 | 1/24/13 | 4.01 | 14 | 24 | 32,936 | |
| 850 | Steuben. | 6.13 | ..... | 71,091 69 | 42,218 44 | 4/ 5/10 | 100 | 12/21/11 | 0.25 | 16 | 32 | 2,311 | |
| 851 | Monroe.. | 1.09 | ..... | 15,000 08 | 7,500 04 | 4/ 7/10 | 100 | 11/16/10 | 5.08 | 16 | 32 | 47,230 | |
| 852 | Cayuga.. | 0.81 | ..... | 12,624 14 | 6,462 07 | 4/ 7/10 | 100 | 7/14/11 | 5.42 | 14 | 28 | 44,543 | |
| 853 | Genesee. | 4.07 | ..... | 16,700 86 | 8,350 43 | 4/ 9/10 | 100 | 12/ 1/10 | 3.74 | 14 | 24 | 30,747 | |
| 854 | Wyom... | 4.50 | ..... | 56,274 19 | 29,825 32 | 4/ 7/10 | 100 | 1/12/11 | 1.10 | 14-36 | 28-36 | 11,374 | |
| 855 | Livingston | 0.47 | ..... | 8,617 07 | 4,308 54 | 4/ 7/10 | 100 | 1/31/11 | 5.21 | 14 | 24 | 44,031 | |
| 856 | Livingston | 1.32 | ..... | 19,551 91 | 9,775 95 | 4/ 9/10 | 100 | 12/14/10 | 0.72 | 16 | 28 | 6,770 | |
| 857 | Chautauq | 1.62 | ..... | 37,558 75 | 18,779 39 | 4/13/10 | 100 | 9/ 9/11 | 0.27 | 12-16 | 32 | 2,459 | |
| 858 | Broome.. | 4.24 | ..... | 57,200 00 | 32,032 00 | 3/22/11 | 100 | 10/10/12 | 0.79 | 14-20 | 16-32 | 7,457 | |
| 859 | Essex... | 0.57 | ..... | 16,419 64 | 10,220 63 | 5/28/10 | 100 | 12/18/11 | 0.81 | 16 | 24-28 | 7,604 | |
| 860 | Clinton.. | 0.87 | ..... | ..... | ..... | ..... | ..... | ..... | 1.21 | 12 | 22 | 8,532 | |
| 861 | Wayne... | 3.46 | ..... | 21,370 76 | 10,685 38 | 6/ 6/11 | 100 | 1/ 5/11 | 2.86 | 12 | 22 | 20,088 | |
| 862 | Wayne... | 1.98 | ..... | 15,105 29 | 7,552 64 | 6/10/10 | 100 | 8/ 8/11 | 4.50 | 16 | 30 | 42,205 | |
| 863 | Erie.... | 0.97 | ..... | 49,357 11 | 13,432 17 | 6/25/10 | 100 | 9/ 9/11 | 0.47 | 16-22 | 30-45 | 4,327 | |
| 864 | Mont.... | 0.86 | ..... | 24,821 01 | 12,410 51 | 5/28/10 | 100 | 12/22/10 | 1.32 | 16 | 33 | 12,404 | |
| 865 | West.... | 2.96 | ..... | 92,177 21 | 23,292 10 | 6/ 2/10 | 100 | 3/22/12 | 1.62 | 16 | 32 | 15,972 | |
| 866 | Erie.... | 2.01 | ..... | 47,675 97 | 23,837 98 | 5/28/10 | 100 | 1/ 8/12 | 4.24 | 14 | 24 | 34,799 | |
| 867 | Livingston | 1.09 | ..... | 12,308 18 | 6,154 09 | 8/ 9/10 | 100 | 6/30/11 | 1.13 | 16-60 | 30-60 | 12,474 | |
| 868 | Herk.... | 2.06 | ..... | 42,496 64 | 13,602 09 | 8/12/10 | 100 | 2/14/12 | 0.11 | 16 | 32 | 1,036 | |
| | | | | | | | | | 3.46 | 14 | 10 | 23 | 30,304 |
| | | | | | | | | | 1.41 | 10 | 22 | 8,120 | |
| | | | | | | | | | 0.57 | 10 | 22 | 8,273 | |
| | | | | | | | | | 0.97 | 28-30 | 30 | 17,034 | |
| | | | | | | | | | 1.04 | 116 | 26-48 | 9,800 | |
| | | | | | | | | | 0.09 | 16-34 | 28-65 | 1,192 | |
| | | | | | | | | | 0.77 | 16-34 | 30-37 | 10,524 | |
| | | | | | | | | | 2.03 | 16-34 | 33-30 | 27,300 | |
| | | | | | | | | | 0.42 | 30 | 30 | 9,376 | |
| | | | | | | | | | 0.51 | 30 / 24 | 30 | 7,200 | |
| | | | | | | | | | 2.01 | 16 | 30 | 1,800 | |
| | | | | | | | | | 1.09 | 16 | 32 | 18,868 | |
| | | | | | | | | | 1.67 | 16-28 | 26-32 | 16,010 | |
| | | | | | | | | | 0.39 | 28 | 28 | 6,765 | |

* See list by counties.

† Changed from original plans.

‡ Includes Hy. No. 471.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. |
|--------------------------------|---------------|----------------|-----------|---------------|-----------------------------|-----------------------------|-----------------|------------------|--------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. 12' Ga. 2" | 4 Sy | 2 Asp. (10) | | | 0.769 | 12,350 | | | | 821 |
| Sub. 6' Ga. 2" | 14 Gn | 3 Sc. water | | | 1.010 | 13,632 | | | | 822 |
| Sub. 6' Ga. 2" | 8 Gn | 3 Sc. water | | | 0.789 | 11,688 | | | Oiled | 823 |
| Sub. 6' Ga. 2" | 4 Gn | 3 Sc. water | | | 0.639 | 10,749 | | | | 824 |
| Sub. 6' Ga. 2" | 4 Set | 12 Asp. (10) | | | 0.658 | 17,060 | | | Oiled | 825 |
| Sub. 6' Ga. 2" | 3 Set | 3 Asp. (10) | | | 0.675 | 17,300 | | | Oiled | 826 |
| Sub. 6' Ga. 2" | 6 Li | 3 Asp. (10) | | | 0.840 | 12,970 | | | Oiled | 827 |
| Sub. 6' Ga. 2" | 3 Set | 3 Asp. (3) | | | 0.80 | 11,820 | | | Oiled | 828 |
| Sub. 6' Ga. 2" | 6 Li | 3 Sc. water | | H. O. (3) | 0.735 | 13,843 | | | Oiled | 829 |
| Sub. 6' Ga. 2" | 3 Li | 3 Asp. (10) | | | 1.012 | 17,270 | | | Oiled | 830 |
| Sub. 6' Ga. 2" | 6 Li | 3 Asp. (10) | | | 0.997 | 17,130 | | | | 831 |
| Sub. 6' Ga. 2" | 4 Li | 3 Sc. water | | T (17) | 0.784 | 10,500 | | | Oiled | 832 |
| Sub. 6' Ga. 2" | 9 Li | 3 Sc. water | | HC CT (17) | 6.855 | 9,965 | | | | 833 |
| Sub. 6' Ga. 2" | 9 Sy | 3 Li Sc. water | | | 0.591 | 10,390 | | | | 834 |
| Sub. 6' Ga. 2" | 5 Br. (22) | 4 | | | 2.027 | 24,030 | | | | 835 |
| Sub. 6' Ga. 2" | 3 Li | 3 Asp. (1)† | | | 0.788 | 12,390 | | 1.18 | Oiled | 836 |
| Sub. 6' Ga. 2" | 6 Set | 2 Sc. water | | H. O. (10) | 0.728 | 11,220 | | | Oiled | 837 |
| Sub. 6' Ga. 2" | 4 Tr | 3 Sc. water | | H. O. (10) | 0.855 | 11,945 | | | | 838 |
| Sub. 6' Ga. 2" | 3 Li | 3 Sc. water | | | 0.622 | 10,530 | | | | 839 |
| Sub. 6' Ga. 2" | 8 Li | 3 Sc. water | | | 0.858 | 12,740 | | | | 840 |
| Sub. 6' Ga. 2" | 3 Li | 3 Asp. (10) | | | 0.771 | 11,890 | | | Oiled | 841 |
| Sub. 6' Ga. 2" | 4 Li | 3 Asp. (10) | | | 0.851 | 12,610 | | | | 842 |
| Sub. 6' Ga. 2" | 6 Sy | 3 Asp. (10) | | | 1.023 | 16,290 | | | Oiled | 843 |
| Sub. 6' Ga. 2" | 3 Li | 3 Sc. water | | | 0.648 | 11,310 | | | Oiled | 844 |
| Sub. 6' Ga. 2" | 3 Sy | 3 Asp. (3) | | | 1.032 | 12,730 | | | Oiled | 845 |
| Sub. 6' Ga. 2" | 4 Li | 2 Asp. (10) | | | 0.704 | 13,690 | | | Oiled | 846 |
| Sub. 6' Ga. 2" | 4 Grv. (MM) | 2 Asp. (1) | | | 1.134 | 17,280 | 1913 | 0.27 | Bit. Mac | 847 |
| Sub. 6' Ga. 2" | 4 Li | 2 Asp. (1) | | | 0.830 | 13,860 | | | | 848 |
| Sub. 6' Ga. 2" | 3 Li | 3 Asp. (7) | | | 0.867 | 13,020 | | | | 849 |
| Sub. 6' Ga. 2" | 6 Li | 2 Sc. water | | CO. | 0.594 | 9,630 | | | Oiled | 850 |
| Sub. 6' Ga. 2" | 4 Tr | 3 Asp. (3) | | | 1.220 | 14,675 | | | | 851 |
| Sub. 6' Ga. 2" | 4 Grv. | 3 Asp. (3) MM. | | | 1.327 | 15,085 | | | | 852 |
| Sub. 6' Ga. 2" | 3 Gn | 2 Trn. (1) | | | 0.913 | 12,580 | | | Oiled | 853 |
| Sub. 6' Ga. 2" | 3 Gn | 2 Sc. water | | | 0.571 | 15,065 | | | | 854 |
| Sub. 6' Ga. 2" | 3 Set | 2 Asp. (1) | | | 1.137 | 24,065 | | | | 855 |
| Sub. 6' Ga. 2" | 5 Br. (10) | 2 Sc. water | | H. O. (10) | 0.542 | 12,985 | | | | 856 |
| Sub. 6' Ga. 2" | 9 Li | 2 Asp. (10) | | | 0.860 | 13,385 | | | | 857 |
| Sub. 6' Ga. 2" | 15 Li | 2 Asp. (10) | | | 0.972 | 16,230 | | | Oiled | 858 |
| Sub. 6' Ga. 2" | 4 Li | 2 Asp. (1) | | | 1.222 | 12,560 | | | | 859 |
| Sub. 6' Ga. 2" | 4 Sy | 2 Asp. (1) | | | 1.044 | 15,990 | | | | 860 |
| Sub. 6' Ga. 2" | 4 Li | 3 Sc. water | | | 0.511 | 16,390 | 1914 | 4.07 | WB. HC. CT. | 861 |
| Sub. 6' Ga. 2" | 4 Li | 3 Sc. water | | | 0.250 | 2,940 | | | | 862 |
| Sub. 6' Ga. 2" | 4 Li | 2 Asp. (1) | | | 0.939 | 12,310 | 1915 | 1.28 | WB. Mac. | 863 |
| Sub. 6' Ga. 2" | 3 Li | 3 Sc. water | | | 0.722 | 16,380 | | | Oiled | 864 |
| Sub. 6' Ga. 2" | 4 Li | 2 Asp. (10) | | | 1.115 | 14,590 | | | | 865 |
| Sub. 6' Ga. 2" | 5 Br. (11) | 4 | | | 1.901 | 21,930 | | | | 866 |
| Sub. 6' Ga. 2" | 6 Tr | 2 Sc. water | | H. O. (9, 10) | 0.900 | 14,805 | | | | 867 |
| Sub. 6' Ga. 2" | 4 Anor | 13 Ber. (1) | | | 0.828 | 12,730 | | | Oiled | 868 |
| Sub. 6' Ga. 2" | 7 Li | 2 Sc. water | | H. O. (1) | 0.081 | | | | | 869 |
| Sub. 6' Ga. 2" | 7 Li | 2 Sc. water | | | 0.587 | 7,990 | | | Oiled | 870 |
| Sub. 6' Ga. 2" | 7 Li | 2 Sc. water | | | 0.622 | 10,350 | | | | 871 |
| Sub. 6' Ga. 2" | 15 Li | 2 Sc. water | | | 0.862 | 11,200 | | | | 872 |
| Sub. 6' Ga. 2" | 3 Grv | 3 | | | 0.188 | | | | | 873 |
| Sub. 6' Ga. 2" | 5 Br. (9, 22) | 4 | | | 1.944 | 27,890 | | | | 874 |
| Sub. 6' Ga. 2" | 5 Br. (9) | 4 | | | 2.033 | 23,525 | | | | 875 |
| Sub. 6' Ga. 2" | 5 Med. Blk. | 4 | | | 2.540 | 35,040 | | | | 876 |
| Sub. 6' Ga. 2" | 13 Li | 13 Ber. (1) | | | 0.895 | 19,600 | | | | 877 |
| Sub. 6' Ga. 2" | 4 Gn | 13 Asp. (3) | | | 0.879 | 19,620 | | | | 878 |
| Sub. 6' Ga. 2" | 5 Br. (7) | 4 | | | 2.280 | 32,770 | 1915 | 0.54 | 2" Bit. Mac. | 879 |
| Sub. 6' Ga. 2" | 4 Gn | 13 Asp. (3) | | | 0.879 | 19,620 | | | | 880 |
| Sub. 6' Ga. 2" | 5 Br. (7) | 4 (shoulders) | | | 2.280 | | | | | 881 |
| Sub. 6' Ga. 2" | 5 Br. (9) | 4 | | | 2.304 | 23,720 | | | | 882 |
| Sub. 6' Ga. 2" | 4 Li | 12 Ber. (1) | | | 0.894 | 11,040 | 1916 | 0.10 | Brick | 883 |
| Sub. 6' Ga. 2" | 4 Sy | 2 Asp. (3) | | | 0.856 | 14,580 | 1916 | 0.99 | Bit. Mac. | 884 |
| Sub. 6' Ga. 2" | 5 Br. (15) | 4 | | | 2.196 | 27,150 | | | Oiled | 885 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

| | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|------|-----------|----------|----------------|------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 869 | Herk.... | 0.64 | | \$9,517 94 | \$5,025 24 | 8/ 9/10 | 100 | 8/ 8/11 | 0.64 | 16 | 28 | 6,014 |
| 870 | Herk.... | 1.96 | | 56,516 64 | 16,858 27 | 8/ 9/10 | 100 | 1/24/12 | 1.29 | 111-228 | 133 | 12,210 |
| 871 | Herk.... | | | | | | | | 0.67 | | | 11,360 |
| 872 | Cattar. | 0.64 | | 16,883 99 | 5,255 41 | 8/20/10 | 100 | 1/23/12 | 0.37 | 16 | 32 | 3,631 |
| | | | | | | | | | 0.27 | 29 | 38 | 4,518 |
| 873 | Chaut. | 2.91 | | 32,851 39 | 16,425 69 | 3/22/11 | 100 | 7/17/12 | 2.91 | 12 | 22-24 | 20,460 |
| 874 | Hamilt. | 5.00 | | 68,614 29 | 45,666 43 | 3/23/11 | 100 | 1/ 8/13 | 3.50 | 14 | 126 | 25,705 |
| | | | | | | | | | 1.50 | 14 | 126 | 12,320 |
| 875 | St. Law. | 5.71 | | 71,348 21 | 41,035 71 | 3/28/11 | 100 | 12/19/12 | 5.71 | 12, 14 | 24, 28 | 43,788 |
| 876 | St. Law. | 3.79 | | 42,064 62 | 27,762 58 | 3/28/11 | 100 | 2/27/12 | 3.79 | 12 | 20-24 | 26,686 |
| 877 | Oneida. | 0.98 | | 12,316 46 | 6,158 23 | 4/ 1/11 | 100 | 5/24/12 | 0.97 | 10 | 26-32 | 9,132 |
| 878 | St. Law. | 6.73 | | 68,407 12 | 40,360 20 | 3/25/11 | 100 | 1/ 2/12 | 6.73 | 16 | 32 | 63,163 |
| 879 | Albany. | 6.26 | | 88,251 53 | 44,125 76 | 3/22/11 | 100 | 5/14/14 | 6.26 | 16 | 28 | 58,895 |
| 880 | Schenec. | 2.78 | | 27,937 40 | 13,968 70 | 3/31/11 | 100 | 10/11/11 | 2.78 | 14 | 26 | 22,920 |
| 881 | Cort. | 1.79 | | 24,887 12 | 14,683 40 | 4/24/11 | 100 | 1/ 2/12 | 1.79 | 14 | 26-28 | 14,676 |
| 882 | Cort. | 2.55 | | 27,062 83 | 17,590 84 | 3/28/11 | 100 | 1/ 8/12 | 2.55 | 14, 16 | 26, 28 | 21,248 |
| 883 | Madison. | 2.14 | | 27,126 72 | 16,818 57 | 4/25/11 | 100 | 8/12/12 | 2.14 | 14 | 26 | 17,586 |
| | | | | | | | | | 1.98 | 14 | 30 | 16,304 |
| 884 | Frank'n. | 3.56 | | 45,645 73 | 29,669 73 | 3/23/11 | 100 | 1/ 2/12 | 1.20 | 14 | 30 | 9,853 |
| | | | | | | | | | 0.38 | 14 | 30 | 3,111 |
| 885 | Frank'n. | 8.55 | | 97,530 41 | 68,226 05 | 3/22/11 | 100 | 9/16/13 | 8.55 | 14, 16 | 28, 32 | 70,803 |
| 886 | Greene. | 4.19 | | 65,311 44 | 45,715 68 | 3/23/11 | 100 | 12/25/11 | 4.19 | 16 | 26-32 | 29,328 |
| 887 | Greene. | 3.15 | | 36,911 91 | 24,060 98 | 3/23/11 | 100 | 12/18/11 | 3.15 | 14, 16 | 26-27 | 27,302 |
| 888 | Chem. | 3.76 | | 43,286 05 | 22,131 73 | 4/29/11 | 100 | 1/23/12 | 3.76 | 14, 16 | 24, 28 | 34,719 |
| 889 | Montg. | 0.64 | | 6,885 48 | 3,442 74 | 4/27/11 | 100 | 12/20/11 | 0.64 | 16 | 28 | 5,981 |
| 890 | Sullivan. | 1.37 | | 46,660 50 | 40,128 03 | 4/29/11 | 100 | 1/23/12 | 4.37 | 14 | 26 | 35,856 |
| 891 | Essex. | 5.99 | | 65,367 82 | 43,779 69 | 4/28/11 | 100 | 1/31/12 | 5.99 | 14-16 | 32 | 52,638 |
| 892 | Wyom. | 1.43 | | 16,006 95 | 8,483 68 | 4/25/11 | 100 | 1/ 8/12 | 1.43 | 16 | 32 | 13,457 |
| 893 | Wyom. | 3.61 | | 44,734 90 | 26,152 64 | 4/27/11 | 100 | 1/24/12 | 0.17 | 16 | 32 | 1,611 |
| | | | | | | | | | 3.44 | 15, 16 | 20-32 | 32,242 |
| | | | | | | | | | 2.49 | 16 | 26 | 23,328 |
| 894 | Wyom. | 3.55 | | 48,645 95 | 27,241 73 | 4/29/11 | 100 | 8/27/12 | 0.63 | 16 | 26 | 5,885 |
| | | | | | | | | | 0.43 | 16 | 26 | 4,069 |
| 895 | Dutchess | 0.89 | | 14,432 88 | 5,890 41 | 5/ 1/11 | 100 | 7/ 8/12 | 0.89 | 16, 32 | 26-32 | 11,058 |
| | | | | | | | | | 0.53 | 16 | 28 | 4,978 |
| 896 | Onon... | 2.43 | | 33,583 11 | 16,791 55 | 5/ 4/11 | 100 | 1/ 2/12 | 0.38 | 16 | 28 | 3,580 |
| | | | | | | | | | 0.62 | 14, 16 | 26, 28 | 5,727 |
| | | | | | | | | | 0.90 | 14 | 26 | 7,412 |
| 897 | Onon... | 4.25 | | 59,970 32 | 29,985 16 | 5/ 4/11 | 100 | 9/17/12 | 4.25 | 12 | 24 | 29,898 |
| 898 | Nassau. | 2.87 | | 40,932 31 | 20,466 15 | 4/28/11 | 100 | 1/23/12 | 2.87 | 16 | 28 | 26,967 |
| 899 | West. | 5.69 | | 80,667 69 | 40,333 84 | 4/25/11 | 100 | 1/ 8/13 | 5.69 | 14 | 24 | 46,754 |
| 900 | West. | 4.26 | | 56,235 61 | 28,117 81 | 4/27/11 | 100 | 9/10/12 | 4.26 | 116 | 24 | 41,316 |
| 901 | West. | 1.92 | | 24,788 27 | 12,394 13 | 4/29/11 | 100 | 1/23/12 | 0.08 | 120 | 32 | 1,000 |
| | | | | | | | | | 1.84 | 16, 120 | 32 | 20,667 |
| 902 | Broome. | 5.29 | | 63,300 00 | 37,980 00 | 4/29/11 | 100 | 1/ 8/13 | 5.29 | 14 | 20-24 | 43,440 |
| 903 | Steuben. | 2.07 | | 21,450 00 | 12,441 00 | 4/25/11 | 100 | 2/14/12 | 2.07 | 14 | 21-24 | 17,006 |
| 904 | Steuben. | 1.64 | | 16,952 59 | 8,934 87 | 4/27/11 | 100 | 12/21/12 | 1.64 | 14, 16 | 28 | 14,643 |
| 905 | Steuben. | 3.90 | | 45,231 59 | 28,495 90 | 4/27/11 | 100 | 1/19/12 | 3.90 | 14 | 22-24 | 32,063 |
| 906 | Steuben. | 5.98 | | 81,399 77 | 49,305 47 | 4/29/11 | 100 | 9/26/13 | 5.98 | 14 | 22-24 | 49,122 |
| | | | | | | | | | 2.69 | 14 | 22-24 | 22,069 |
| 907 | Steuben. | 4.13 | | 52,156 06 | 27,642 71 | 4/29/11 | 100 | 12/21/11 | 1.27 | 14 | 22-24 | 10,481 |
| | | | | | | | | | 0.17 | 14 | 22-24 | 1,400 |
| 908 | Madison | 2.07 | | 58,722 45 | 15,817 69 | 6/12/11 | 100 | 10/15/12 | 1.03 | 25 | 28 | 15,938 |
| | | | | | | | | | 1.04 | 16 | 28 | 9,733 |
| 909 | Putnam. | 4.46 | | 57,324 46 | 28,667 23 | 4/25/11 | 100 | 1/23/12 | 4.46 | 14, 16 | 26, 28 | 38,315 |
| 909A | Putnam. | 0.13 | | 2,179 99 | 1,416 9 | 3/30/13 | 100 | 7/31/16 | 0.13 | 14 | 24 | 1,111 |
| 910 | Suffolk. | 3.86 | | 46,539 36 | 23,269 68 | 6/13/11 | 100 | 1/ 8/13 | 3.86 | 16 | 28-30 | 36,332 |
| 911 | Suffolk. | 3.04 | | 40,955 20 | 20,477 60 | 12/ 4/11 | 100 | 12/10/12 | 3.04 | 16, 123 | 30 | 28,708 |
| 912 | Suffolk. | 6.69 | | 84,011 75 | 42,005 87 | 5/26/11 | 100 | 1/18/13 | 6.69 | 16 | 30 | 62,809 |
| 913 | Erie. | 1.82 | | 43,646 71 | 21,823 36 | 4/25/11 | 100 | 9/12/12 | 1.82 | 16 | 32 | 17,163 |
| 914 | Erie. | 3.63 | | 85,690 03 | 42,845 01 | 4/27/11 | 100 | 9/ 4/12 | 3.63 | 16 | 32-32 | 34,177 |
| 915 | Erie. | 1.46 | | 73,387 65 | 15,059 63 | 4/26/11 | 100 | 10/25/12 | 1.46 | 35, 40 | 36, 40 | 29,639 |
| 916 | Erie. | 2.30 | | 56,319 31 | 28,159 65 | 4/28/11 | 100 | 1/ 8/12 | 2.30 | 16 | 32 | 21,333 |
| 917 | Erie. | 4.11 | | 98,066 13 | 49,048 06 | 6/15/11 | 100 | 1/18/13 | 4.11 | 16 | 30 | 38,618 |
| 918 | Wayne. | 1.15 | | 10,205 57 | 5,102 7 | 4/25/11 | 100 | 2/26/12 | 1.15 | 16 | 12 | 8,125 |
| | | | | | | | | | | 4 | | 2,708 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|---------------------|-----------|-----------------|-----------------------------|-----------------------------|------------------|-------|------------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' Highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Dol. | 4 | Dol. | 2 | Asp. (10) | 0.725 | 14,596 | | | Oiled | 869 |
| Li. | 4 | Sy. | 2 | Asp. (3) | 0.873 | 19,438 | | | | 870 |
| S. Con. (1) (15) | 6 | Bitu. | 2 | | 1.997 | 29,909 | | | | 871 |
| Li. | 4 | Li. | 3 | Asp. (3) | 1.015 | 15,830 | | | Oiled | 872 |
| S. Con. (1, 6, 16, 20) | 5 | Br. (22) | 4 | | 1.870 | 22,900 | | | | 873 |
| Li. | 3 | Li. | 3 | Sc. water | 0.835 | 12,960 | | | Oiled | 874 |
| Ga. | 3 | Ga. | 3 | Ber. (1) | 1.092 | 15,691 | | | | 875 |
| Ga. | 3 | Ga. | 3 | Trn. (1) | 0.825 | 13,184 | | | | 876 |
| Ga. | 3 | Ga. | 3 | Sc. water | 0.605 | 13,500 | | | Oiled | 877 |
| Ga. | 3 | Ga. | 3 | H. O. (10) | 0.588 | 13,430 | | | Oiled | 878 |
| App. St. | 3 | Sy. | 3 | C. O. (10) | 0.903 | 12,520 | | | Oiled | 879 |
| Dol. | 3 | Dol. | 3 | Asp. (10) | 0.718 | 9,770 | | | Oiled | 880 |
| Li. | 3 | S. Con. (8) | 5 | Li. Sc., T (17) | 1.107 | 13,914 | | | | 881 |
| Sub. | 3 | Li. | 3 | Asp. (10, 8) | 0.825 | 10,990 | | | | 882 |
| Fid. | 3 | Li. | 3 | Sc. water | 0.729 | 14,705 | | | Oiled | 883 |
| Sub. | 3 | Li. | 3 | Sc. water | 0.754 | 11,450 | | | Oiled | 884 |
| Sub. | 3 | Ga. | 3 | Asp. (10) | 0.862 | 13,690 | | | Oiled | 885 |
| Sub. | 4 | Ga. | 3 | Asp. (10) | D. 961 | 13,419 | | | | 886 |
| Sub. | 4 | Ga. | 3 | Asp. (10) | 1.008 | 13,860 | | | Oiled | 887 |
| App. St. | 17 | Ga. | 3 | Asp. (10) | 1.076 | 14,408 | | | | 888 |
| Sub. | 3 | Dol. | 3 | Asp. (12) | 0.840 | 12,175 | | | Oiled | 889 |
| Sub. | 3 | Set. | 3 | Asp. (10) | 0.658 | 14,145 | | | | 890 |
| Sub. | 3 | Set. | 3 | Asp. (10) | 0.652 | 11,640 | | | Oiled | 891 |
| Fid. | 6 | Li. | 3 | Sc. water | 0.896 | 11,450 | | | | 892 |
| App. St. | 2 | App. St. | 2 | Asp. (1) | 0.770 | 10,710 | | | | 893 |
| App. St. | 3 | Set. | 3 | Asp. (10) | 0.724 | 13,825 | | | | 894 |
| Qrz., Dol. | 3 | Qrz., Dol. | 3 | Asp. (10) | 0.710 | 11,225 | 1914 | 5.99 | Bit. Mac. | 895 |
| Sub. | 3 | Amor or Grn. | 3 | Asp. (10) | 0.746 | 10,615 | | | | 896 |
| Li. | 5 | Li. | 3 | Asp. (10) | 1.109 | 14,320 | | | Oiled | 897 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.859 | 11,970 | | | | 898 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.834 | 13,830 | | | | 899 |
| Fid. | 6 | Li. | 3 | Asp. (10) | 0.833 | 12,830 | | | Oiled | 900 |
| Li. | 3 | Li. | 3 | Sc. water | 0.820 | 12,760 | | | | 901 |
| Li. | 3 | Li. | 3 | Trn. (1) | 0.917 | 13,115 | | | | 902 |
| Li. | 2 | Sy. | 3 | Asp. (10) | 0.810 | 13,430 | | | | 903 |
| Old Mac. | 3 | Sy. | 3 | Asp. (10) | 0.852 | 11,850 | | | | 904 |
| Li. | 4 | Sy. | 3 | Asp. (10) | 1.031 | 15,410 | | | | 905 |
| Li. | 3 | Sy. | 3 | Asp. (10) | 0.925 | 14,410 | | | | 906 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.894 | 16,840 | 1914 | 1.39 | Bit. Mac. | 907 |
| Tr. | 3 | Tr. | 3 | Ber. (1) | 1.073 | 14,983 | | | Oiled | 908 |
| Ga. | 3 | Ga. | 3 | Asp. (10) | 0.716 | 15,379 | | | | 909 |
| Ga. | 3 | Ga. | 3 | Asp. (10) | 0.772 | 13,200 | | | | 910 |
| Old Mac. | 3 | Ga. | 3 | Asp. (10) | 0.843 | 9,159 | | | Oiled | 911 |
| Ga. | 3 | Ga. | 3 | Asp. (10) | 0.867 | 11,262 | | | | 912 |
| Fid. | 6 | Li. | 2 | Sc. water | 0.929 | 13,230 | | | | 913 |
| Fid. | 6 | Li. | 2 | H. O. (10) | 0.713 | 11,390 | | | Oiled | 914 |
| Fid. | 6 | Ga. | 3 | Sc. water | 0.781 | 10,600 | | | Oiled | 915 |
| Fid. | 6 | Set. | 3 | Ber. (1) | 0.954 | 12,840 | | | Oiled | 916 |
| Fid. | 6 | Set. | 3 | Asp. (1) | 0.933 | 14,940 | 1916 | 1.06 | 2 1/2" Bit. Mac. | 917 |
| Fid. | 6 | Set. | 3 | Asp. (1) | 0.933 | 14,940 | 1917 | 1.50 | 2 1/2" Bit. Mac. | 918 |
| Fid. | 6 | Li. | 3 | Sc. water | 0.831 | 14,150 | | | | 919 |
| App. St. | 3 | Li. | 3 | CO. (10) | 0.747 | 13,340 | | | | 920 |
| App. St. | 3 | Li. | 3 | CO. (10) | 0.892 | 14,730 | | | | 921 |
| S. Con. (11) (20) | 3 | Br. (17) | 4 | CO. (10) | 2.036 | 24,005 | | | | 922 |
| Sub. | 7 | Li. | 3 | Asp. (1) | 1.056 | 14,895 | | | | 923 |
| Ga. | 3 | Ga. | 3 | Asp. (10) | 0.673 | 13,370 | | | Oiled | 924 |
| Tr. | 3 | Ga. | 3 | Asp. (10) | 1.316 | 18,130 | | | | 925 |
| Tr. | 3 | Tr. | 3 | Sc. water | 0.855 | 11,810 | | | Oiled | 926 |
| Com. Grv. | 3 | Com. Grv. | 3 | Sc. water | 0.699 | 13,170 | | | Oiled | 927 |
| Tr. | 3 | Tr. | 3 | Asp. (10) | 0.930 | 12,370 | | | Oiled | 928 |
| S. Con. (3, 11, 16) | 5 | Br. (3) | 4 | | 1.905 | 23,530 | | | | 929 |
| S. Con. (3, 15, 16) | 5 | Br. (25, 6, 20) | 4 | | 1.988 | 23,050 | | | | 930 |
| S. Con. (15, 16) | 5 | Br. (25, 6, 20, 24) | 4 | | 1.883 | 28,730 | | | | 931 |
| S. Con. (3) | 5 | Br. (27) | 4 | | 1.934 | 24,210 | | | | 932 |
| S. Con. (1) | 5 | Br. (8) | 4 | | 1.952 | 23,610 | | | | 933 |
| Sub. | 6 1/2 | Li. | 3 | Sc. water | 0.738 | 10,210 | | | | 934 |
| (Shoulders) | | Grv. | 3 | | 0.114 | | | | | 935 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Centerline type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|-------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 919 | Wayne... | 3.87 | ..... | \$26,515 09 | \$13,257 54 | 4/27/11 | 100 | 12/21/11 | 3.87 | 16 / 12 | 28 | 27,249 |
| 920 | Wayne... | 3.00 | ..... | 29,824 17 | 14,912 08 | 4/29/11 | 100 | 12/20/12 | 3.00 | 16 / 12 | 24, 27 | 9,063 |
| 921 | Ulster... | 2.13 | ..... | 35,501 81 | 17,382 34 | 4/27/11 | 100 | 1 / 2/12 | 2.13 | 14-22 | 23-26 | 21,096 |
| 922 | Genesee... | 1.85 | ..... | 17,750 99 | 8,875 49 | 4/25/11 | 100 | 1/23/12 | 1.85 | 14 | 24 | 7,032 |
| 923 | Genesee... | 4.68 | ..... | 47,545 86 | 23,772 93 | 4/25/11 | 100 | 11/20/12 | 4.24 | 14-16 | 23-30 | 18,996 |
| 924 | Erie... | ..... | ..... | 73,300 00 | 41,048 00 | 6/12/11 | ..... | ..... | 0.27 | 14 | 30 | 15,171 |
| 924A | Erie... | ..... | 6.03 | 72,000 00 | 46,800 00 | 8/26/16 | 51 | ..... | 0.17 | 14 | 30 | 2,237 |
| 925 | Erie... | 5.39 | ..... | 154,940 70 | 92,476 03 | 6/17/11 | 100 | 3/30/17 | 6.03 | 10 | 23-26 | 1,360 |
| 926 | Tomp... | 4.49 | ..... | 47,658 86 | 25,696 98 | 6/27/11 | 100 | 12 / 5/12 | 3.52 | 10 | 28 | 55,675 |
| 927 | Tioga... | 7.39 | ..... | 72,577 63 | 43,916 00 | 6/17/11 | 100 | 12 / 5/12 | 2.51 | 14 | 28 | 33,077 |
| 928 | Rock... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.51 | 14 | 28 | 20,554 |
| 929 | Essex... | 1.45 | ..... | 18,765 34 | 14,074 00 | 12 / 6/11 | 100 | 12/12/12 | 5.39 | 10 | 32 | 50,610 |
| 930 | Clinton... | 10.32 | ..... | 3,677 61 | 2,905 31 | 12 / 8/11 | 100 | 12/12/13 | 0.48 | 14 | 23-24 | 3,937 |
| 931 | Oneida... | 7.18 | ..... | 96,830 47 | 53,494 31 | 6/15/11 | 100 | 12/30/13 | 0.97 | 14 | 28 | 7,959 |
| 932 | Oneida... | 1.20 | ..... | 14,592 93 | 7,454 58 | 6/21/11 | 100 | 7/17/12 | 0.32 | 16 | 26-44 | 3,013 |
| 933 | Oneida... | 5.02 | ..... | 72,834 50 | 40,002 53 | 6/15/11 | 100 | 2 / 5/13 | 0.72 | 10 | 26 | 6,768 |
| 934 | Otego... | 4.90 | ..... | 56,798 84 | 37,808 10 | 6/17/11 | 100 | 12 / 3/13 | 6.46 | 10 | 26 | 60,654 |
| 935 | Otego... | 3.63 | ..... | 39,713 69 | 26,211 04 | 6/17/11 | 100 | 10/10/12 | 0.68 | 10 | 32 | 6,360 |
| 936 | Otego... | 4.15 | ..... | 50,173 71 | 36,623 33 | 6/17/11 | 100 | 1/24/13 | 0.52 | 10 | 32 | 4,907 |
| 937 | Lewis... | 3.82 | ..... | 43,060 54 | 29,725 57 | 6/13/11 | 100 | 12/10/12 | 5.02 | 10 | 26 | 47,129 |
| 938 | Chaut... | 5.58 | ..... | 85,136 18 | 42,563 09 | 6/14/11 | 100 | 1 / 4/15 | 4.90 | 14-10 | 26-30 | 41,374 |
| 939 | Chaut... | 6.62 | ..... | 85,977 54 | 51,586 52 | 6/17/14 | 100 | 10/28/15 | 3.83 | 14 | 22-24 | 31,442 |
| 940 | Chaut... | 4.25 | ..... | 97,414 36 | 56,047 33 | 6/15/11 | 100 | 10/13/13 | 4.15 | 14 | 24 | 24,073 |
| 941 | Sar'ga... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.82 | 14-10 | 28-32 | 32,656 |
| 942 | Wash... | 0.66 | ..... | 4,906 81 | 2,796 31 | 6/15/11 | 100 | 5 / 5/14 | 2.38 | 14 | 24 | 19,577 |
| 943 | Mont... | 1.38 | ..... | 16,802 10 | 8,789 36 | 6/14/11 | 100 | 11/14/12 | 1.38 | 14 | 24 | 11,356 |
| 944 | Seneca... | 0.72 | ..... | 15,647 19 | 6,702 25 | 6/15/11 | 100 | 1 / 8/13 | 1.62 | 14 | 28 | 15,005 |
| 945 | Alleg'y... | 4.18 | ..... | 44,847 76 | 29,399 75 | 5 / 7/12 | 100 | 1/20/13 | 6.62 | 7-20 | 28-38 | 27,490 |
| 946 | Chem'g... | 1.98 | ..... | 24,606 03 | 12,304 01 | 6/20/11 | 100 | 10/10/12 | 2 | ..... | ..... | 7,777 |
| 947 | Erie... | 10.14 | ..... | 186,473 73 | 71,457 92 | 6/21/11 | 100 | 1/30/13 | 4.25 | 116 | 23-28 | 40,029 |
| 948 | Albany... | 3.56 | ..... | 47,671 70 | 23,310 85 | 6/13/11 | 100 | 1 / 8/13 | 0.66 | 14 | 24 | 5,443 |
| 948A | Albany... | 0.17 | ..... | 2,187 95 | 1,422 17 | 7/12/16 | 100 | 11/23/16 | 0.80 | 14 | 26 | 7,037 |
| 949 | Rens... | 0.29 | ..... | 5,761 08 | 3,399 04 | 4/26/12 | 100 | 1 / 8/13 | 0.49 | 14 | 26 | 4,029 |
| 950 | Frank... | 0.79 | ..... | 8,358 42 | 5,367 97 | 12 / 7/11 | 100 | 1/18/13 | 0.67 | 116-18 | 26 | 5,394 |
| 951 | Dela... | 2.37 | ..... | 30,167 58 | 24,312 12 | 12 / 4/11 | 100 | 7/23/13 | 0.15 | 118-25 | 40 | 2,170 |
| 952 | Dela... | 4.65 | ..... | 53,548 48 | 39,335 53 | 12 / 7/11 | 100 | 1 / 8/13 | 0.41 | 24 | 30 | 5,715 |
| 953 | Nassau... | 6.96 | ..... | 21,785 34 | 11,160 47 | 12 / 6/11 | 100 | 9 / 2/14 | 3.77 | 14 | 24 | 30,968 |
| 954 | Greene... | 0.46 | ..... | 6,000 00 | 4,020 00 | 4/24/13 | 100 | 1/18/13 | 1.98 | 14-16 | 24-32 | 18,287 |
| 955 | Madison... | 0.42 | ..... | 8,346 35 | 5,106 78 | 6/11/12 | 100 | 10/17/13 | 9.02 | 16 | 24-32 | 84,753 |
| 956 | Albany... | 0.46 | ..... | 14,916 35 | 5,106 78 | 6/11/12 | 100 | 10/17/13 | 1.12 | 16-17 | 32-42 | 10,641 |
| 957 | Albany... | 0.47 | ..... | 7,121 25 | 3,560 62 | 6/11/12 | 100 | 1/24/13 | 1.52 | 16 | 24-28 | 14,252 |
| 958 | Cattar... | 4.27 | ..... | 48,358 53 | 28,988 14 | 12/11/11 | 100 | 1/18/13 | 1.74 | 16 | 28 | 16,336 |
| 959 | Cattar... | 3.86 | ..... | 48,358 53 | 28,988 14 | 12/11/11 | 100 | 1/18/13 | 0.19 | 16 | 28 | 1,805 |
| | | | | | | | | | 0.11 | 16 | 28 | 1,004 |
| | | | | | | | | | 0.17 | 16 | 26 | 1,570 |
| | | | | | | | | | 0.29 | 16 | 28-32 | 2,704 |
| | | | | | | | | | 0.79 | 16 | 32 | 7,406 |
| | | | | | | | | | 2.37 | 14-16 | 24-28 | 20,043 |
| | | | | | | | | | 1.09 | 14-24 | 23-30 | 10,481 |
| | | | | | | | | | 3.56 | 14 | 26 | 29,301 |
| | | | | | | | | | 0.92 | 8, 16 | 28 | 8,931 |
| | | | | | | | | | 10.04 | 16 | 37 | 371 |
| | | | | | | | | | 0.46 | 16 | 32 | 4,291 |
| | | | | | | | | | 0.42 | 14 | 26 | 3,171 |
| | | | | | | | | | 0.14 | 37 | 37 | 1,681 |
| | | | | | | | | | 0.32 | 16-27 | 26-32 | 4,401 |
| | | | | | | | | | 0.47 | 16 | 32 | 4,391 |
| | | | | | | | | | 4.27 | 14-16 | 24-28 | 35,411 |
| | | | | | | | | | 3.86 | 14 | 24-32 | 31,921 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------------|-----------|----------------|-----------------------------|-----------------------------|------------------|-------|--------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-24' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo | 3 | Lo | 3 | Li. Sc., water | 0.653 | 8,310 | 1917 | 3.87 | 2½" Bit Mac. | 919 |
| (Shoulders) | | Grv. | 3 | | 0.280 | | | | | |
| Sub | 6 | Lo | 3 | Li. Sc., water | 0.780 | 11,780 | | | Oiled | 920 |
| (Shoulders) | | Grv. | 3 | | 0.119 | | | | | |
| App. St. | 3 | Sat. | 3 | Ber. (1) | 0.740 | 17,303 | | | | 921 |
| Li | 3 | Li | 3 | Asp. (10) | 0.722 | 10,600 | | | Oiled | 922 |
| Li | 3 | Li | 3 | Sc., water | 0.668 | 11,125 | | | | |
| Li | 3 | Li | 3 | Sc., water | 0.368 | 8,303 | | | Oiled | 923 |
| Li | 6 | Li | 3 | Sc., water | 0.961 | 13,875 | | | | |
| App. St. | 3 | App. St. | 3 | Asp. | 0.788 | 12,160 | | | | 924* |
| | | F Con. | 7-P | Sc., H. O. | 0.956 | 735 | | | | 924A |
| Grv. Con. | 5 | Br. (1, 6, 11, 16) | 4 | | 1.988 | 29,650 | | | | |
| Sub | 6 | Li | 3 | Sc., water | 2.643 | 28,020 | | | Oiled | 925 |
| Sub | 6 | Li | 3 | CO. (10) | 0.722 | 11,630 | | | Oiled | 926 |
| Old Grv. road. | 6 | Li | 3 | CO. (10) | 0.801 | 10,840 | | | Oiled | 927 |
| | | Li | 3 | CO. (10) | 0.488 | 7,900 | | | | 928 |
| Pid. | 16 | Li | 3 | Asp. (3) | 0.822 | 13,390 | | | | 929 |
| Li | 14 | Li | 3 | Asp. (3) | 0.924 | 14,340 | | | | |
| Li | 3 | Li | 3 | Asp. (3) | 0.761 | 11,230 | | | Oiled | 930 |
| Pd. | 16 | Li | 3 | Asp. (1, 3) | 1.013 | 13,880 | | | Oiled | 931 |
| Li | 3 | Li | 3 | Asp. (1, 3) | 0.966 | 13,440 | | | | |
| Old Mac App. St. | 23 | Sy. or Tr. | 3 | Asp. (3) | 0.950 | 11,770 | | | | 932 |
| App. St. | 3 | Sy. or Tr. | 3 | Asp. (3) | 0.986 | 12,105 | | | | |
| Li | 3 | Li | 3 | Asp. (1) | 0.959 | 14,510 | | | | 933 |
| App. St. | 4 | Li | 3 | Sc., water | 0.733 | 12,230 | | | | 934 |
| Sub | 6 | Li | 3 | Sc., water | 0.778 | 11,420 | | | Oiled | 935 |
| Sub | 6 | Li | 3 | Sc., water | 1.033 | 13,690 | | | | 936 |
| App. St. | 4 | Li | 3 | Asp. (10) | 0.869 | 11,820 | | | Oiled | 937 |
| Grv. | 6 | Grn. | 3 | Asp. (3) | 0.824 | 13,815 | | | | |
| Grv. | 4 | Grn. | 3 | Asp. (3) | 0.735 | 12,980 | | | | 938 |
| Grv. Con. (2) | 5 | Br. (34) | 4 | | 1.832 | 23,280 | | | | |
| S. Com. (1, 6, 16) | 5 | Br. (11) | 4 | | 2.060 | 23,540 | | | | 939 |
| (Shoulders) | | Grv. | av24 | | 0.071 | | | | | 940 |
| S. Com. (16) | 5 | Br. (15) | 4 | | 1.700 | 22,860 | | | | 941 |
| Li | 3 | Li | 3 | Sc., water | 0.518 | 7,430 | | | | 942 |
| Sub | 3 | Sat. | 3 | Asp. (10) | 0.675 | 12,980 | | | Oiled | 943 |
| Sub | 3 | Sat. | 3 | Asp. (10) | 0.669 | 12,920 | | | | |
| S. Com. (16) | 7 | Li. & Sy. | 3 | Asp. (10) | 1.096 | 17,090 | | | | 944 |
| Pd. | 5 | Br. (17) | 4 | | 2.121 | 26,710 | | | | 945 |
| Pd. | 6 | Li | 3 | Asp. (4) | 0.885 | 12,050 | | | | |
| Pd. | 6 | Li | 3 | Sc., water | 0.794 | 11,190 | | | | 946 |
| Pd. | 6 | Li | 3 | Sc., water | 0.947 | 12,150 | | | Oiled | 947 |
| Li | 5 | Li | 3 | Asp. (13) | 0.922 | 11,730 | | | | 948 |
| S. Com. (13) | 5 | Br. (11) | 4 | | 2.283 | 24,310 | | | | |
| Pd. | 6 | Li | 3 | Asp. (1) | 1.015 | 14,130 | | | Oiled | 949 |
| Li | 3 | Li | 3 | Asp. (1) | 0.770 | 12,770 | | | Oiled | 950 |
| Li | 3 | Li | 3 | Sc., water | 0.648 | 10,680 | | | Oiled | 951 |
| Li | 6 | Li | 3 | Asp. (1) | 1.122 | 15,130 | | | Oiled | 952 |
| Li | 4 | Li | 3 | Sc., water | 0.742 | 12,975 | | | | 953 |
| Grv. | 14 | Grv. | 3 | Asp. (10) | 1.213 | 19,420 | | | | 954 |
| App. St. | 3 | Grn. | 3 | Ber. (1) | 0.813 | 10,150 | | | Oiled | 955 |
| Sub | 6 | Sat. | 3 | Asp. (10) | 0.817 | 13,742 | | | Oiled | 956 |
| S. Com. (20) | 5 | Sat. | 2 | Asp. (10) | 1.488 | 17,080 | | | | 957 |
| Sub | 6 | Sat. | 3 | Asp. (10) | 0.768 | 10,321 | | | | 958 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.942 | 16,939 | | | | 959 |
| S. Com. (1, 17, 22) | 3 | Br. | 4 | | 1.810 | 29,714 | | | | 960 |
| Sub | 2 | Sat. | 3 | Asp. (10) | 0.875 | 12,930 | | | | 961 |
| Sub | 9 | Li | 3 | Sc., water | 0.909 | 20,360 | | | Oiled | 962 |
| S. Com. (8)(9) | 6 | Grn. Blk. | 4 | | 3.300 | 43,490 | | | | 963 |
| App. St. | 3 | App. St. | 3 | Asp. (1) | 0.816 | 20,170 | | | | 964 |
| Sub | 6 | App. St. | 3 | Asp. (1) | 0.837 | 16,245 | 1914 | 0.43 | Brick | 965 |
| Li | 3 | Li, Grn. | 3 | Asp. (3) | 0.812 | | | | Oiled | 966* |
| S. Com. (14) | 6 | | | Sc., H.O. & T. | 0.968 | 13,210 | | | | 967 |

APPENDIX A.—COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|--------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1060 | Cattaraugus | 2.80 | | \$39,444 47 | \$26,033 35 | 4/25/12 | 100 | 8/23/13 | 2.80 | 14 | 24-32 | 23,150 |
| 961 | Onondaga | 6.19 | | 3,147 55 | 1,573 77 | 6/17/12 | 100 | 1/8/13 | 0.19 | 16 | 32 | 1,813 |
| 962 | Madison | 5.09 | | 64,172 03 | 35,294 62 | 6/12/12 | 100 | 1/8/13 | 5.09 | 14 | 28 | 43,308 |
| 963 | Broome | 6.02 | | 60,554 83 | 34,516 25 | 6/17/12 | 100 | 12/16/13 | 6.02 | 14-16 | 24-26 | 49,102 |
| 964 | Allegany | 6.10 | | 69,848 84 | 48,511 90 | 6/1/12 | 100 | 2/23/14 | 6.10 | 12-16 | 23-30 | 40,523 |
| 965 | Allegany | | | 108,009 29 | 65,102 06 | 6/12/12 | 100 | 12/21/14 | 9.51 | 12-16 | 22-24 | 68,186 |
| | | | | | | | | | 0.38 | 28 | 40 | 6,843 |
| 965A | Allegany | | | 20,884 87 | 14,500 93 | 3/29/15 | 100 | 11/13/15 | 9.49 | 12-16 | 22-24 | 67,990 |
| 965 | Allegany | | | | | | | | 9.49 | 12-16 | 24 | 67,990 |
| 965A | Allegany | 9.89 | | 128,894 16 | 79,701 90 | | | | 0.02 | 16 | 24 | 196 |
| | | | | | | | | | 0.38 | 28-40 | 28-40 | 6,840 |
| 966 | St. Lawrence | 4.05 | | 34,557 90 | 21,425 90 | 5/4/12 | 100 | 7/18/13 | 4.05 | 14 | 26 | 33,275 |
| 967 | St. Lawrence | 3.35 | | 32,098 91 | 18,617 37 | 4/29/12 | 100 | 1/18/13 | 3.35 | 14-46 | 26-46 | 28,997 |
| 1968 | St. Lawrence | 4.06 | | 53,131 32 | 30,816 16 | 6/12/12 | 100 | 12/17/13 | 4.06 | 16 | 26 | 38,161 |
| 969 | St. Lawrence | 6.52 | | 73,462 49 | 42,608 24 | 6/12/12 | 100 | 3/24/14 | 6.52 | 14 | 28 | 53,549 |
| *970 | St. Lawrence | | | 93,695 40 | 55,280 28 | 6/11/12 | 100 | 6/25/14 | | 14-16 | 28 | 52,602 |
| | | | | | | | | | | 14-16 | 28 | 32,745 |
| 970A | St. Lawrence | | | 19,936 38 | 11,762 46 | 9/14/14 | 100 | 1/25/15 | | 14-16 | 28 | 32,745 |
| 970 | St. Lawrence | 10.26 | | 113,631 78 | 67,042 74 | | | | 10.26 | 14-16 | 28 | 85,346 |
| 970A | St. Lawrence | | | | | | | | | | | |
| 971 | Onondaga | 7.69 | | 101,534 23 | 50,339 83 | 6/13/12 | 100 | 1/25/14 | 7.69 | 14-50 | 26-50 | 66,290 |
| 972 | Oswego | 5.67 | | 58,184 58 | 36,428 46 | 4/5/12 | 100 | 10/25/13 | 2.82 | 14-24 | 26-38 | 23,327 |
| | | | | | | | | | 2.85 | 14 | 26 | 24,212 |
| 973 | Oswego | 5.21 | | 52,456 26 | 32,757 99 | 7/12/12 | 100 | 1/26/14 | 5.21 | 14 | 26 | 42,803 |
| 974 | Putnam | 6.42 | | 89,100 00 | 52,569 00 | 6/12/12 | 100 | 12/30/13 | 6.42 | 14 | 24 | 52,605 |
| 975 | Wyoming | 2.01 | | 29,853 76 | 15,822 50 | 4/27/12 | 100 | 12/2/13 | 2.01 | 16 | 24-30 | 18,868 |
| *976 | Wyoming | | | 43,483 41 | 25,083 41 | 6/18/12 | | | 3.52 | 16 | 26 | 34,682 |
| 976 | Wyoming | 1.66 | | 20,262 03 | 7,653 30 | 6/28/16 | 100 | 12/4/17 | 1.66 | 16-20 | 26-30 | 16,023 |
| 976A | Wyoming | 1.86 | | 31,541 24 | 14,894 63 | 8/17/17 | 100 | 1/8/18 | 1.86 | 16-30 | 26-30 | 19,309 |
| 977 | Albany | 2.45 | | 73,509 87 | 36,754 93 | 4/24/12 | 100 | 9/4/14 | 2.45 | 16 | 29 | 22,974 |
| 978 | Albany | 4.37 | | 47,819 61 | 28,045 18 | 4/24/12 | 100 | 1/24/13 | 4.37 | 16 | 26 | 41,074 |
| 979 | Albany | 8.27 | | 100,201 05 | 50,085 53 | 4/25/12 | 100 | 1/8/13 | 8.27 | 16 | 24-26 | 77,721 |
| 980 | Rensselaer | 2.55 | | 30,796 85 | 15,393 42 | 5/1/12 | 100 | 7/3/15 | 2.55 | 16 | 26 | 28,911 |
| 981 | Rensselaer | | | 25,636 52 | 12,818 26 | 4/25/12 | | | 1.67 | 16 | 26 | 16,160 |
| 981A | Rensselaer | | | 24,630 25 | 16,009 66 | 7/1/14 | 100 | 2/10/15 | 0.98 | 14 | 26 | 8,320 |
| | | | | | | | | | 0.49 | 14 | 26 | 4,044 |
| | | | | | | | | | 1.67 | 16 | 26 | 16,160 |
| 981 | Rensselaer | 3.14 | | 50,266 77 | 28,827 92 | | | | 0.98 | 14 | 26 | 8,320 |
| 981A | Rensselaer | | | | | | | | 0.49 | 14 | 26 | 4,044 |
| 982 | Dela. | 13.37 | | 131,774 91 | 102,659 64 | 6/11/12 | 100 | 12/24/13 | 13.37 | 14-16 | 20-26 | 111,591 |
| 1983 | Dela. | 2.56 | | 25,289 34 | 19,352 83 | 4/24/12 | 100 | 9/26/13 | 2.56 | 14 | 24 | 21,000 |
| 984 | Franklin | 2.06 | | 27,554 14 | 19,012 36 | 6/22/12 | 100 | 9/16/13 | 2.06 | 16 | 28 | 19,355 |
| *985 | Franklin | | | 82,879 02 | 54,003 32 | 6/20/12 | 100 | 12/7/14 | 4.86 | 12 | 24 | 34,210 |
| | | | | | | | | | 0.36 | 12 | 24 | 2,504 |
| 985A | Franklin | | | 15,572 98 | 12,458 38 | 10/17/12 | 100 | 8/26/15 | 0.26 | 12 | 24 | 1,827 |
| | | | | | | | | | | 4 | | 835 |
| 985 | Franklin | | | | | | | | 4.86 | 12 | 24 | 34,210 |
| 985A | Franklin | 5.98 | | 98,452 00 | 66,461 60 | | | | 0.36 | 12 | 24 | 2,504 |
| | | | | | | | | | 0.26 | 12 | 24 | 1,827 |
| | | | | | | | | | | 4 | | 835 |
| 986 | Sullivan | 10.97 | | | | 1/7/15 | 93 | | | 14 | 26 | 87,360 |
| 987 | Otsego | 6.43 | | 65,927 52 | 44,700 51 | 6/13/12 | 100 | 11/4/14 | 6.43 | 14 | 24 | 52,778 |
| 988 | Nassau | 0.35 | | 5,519 93 | 2,759 97 | 4/25/12 | 100 | 1/18/13 | 0.35 | 16 | 28-30 | 2,679 |
| 989 | Erie | 2.25 | | 94,878 82 | 26,747 08 | 4/24/12 | 100 | 1/20/13 | 0.49 | 16 | 28 | 4,634 |
| | | | | | | | | | 2.25 | 16-18 | 28-40 | 28,637 |
| 990 | Erie | 1.04 | | 35,912 57 | 11,612 51 | 4/24/12 | 100 | 1/8/13 | 1.04 | 24-40 | 36-40 | 14,792 |
| 991 | Erie | 4.64 | | 57,799 96 | 28,899 98 | 4/24/13 | 100 | 1/7/15 | 4.64 | 16 | 32 | 43,851 |
| 992 | Wayne | 1.99 | | 24,779 29 | 12,389 64 | 4/19/12 | 100 | 12/10/12 | 1.99 | 14-16 | 30 | 17,009 |
| 993 | Wayne | 1.20 | | 11,764 85 | 5,882 42 | 4/25/12 | 100 | 1/8/13 | 1.20 | 16 | 30 | 11,291 |
| 994 | Wayne | 3.45 | | 40,137 29 | 20,068 65 | 4/25/12 | 100 | 12/19/13 | 3.45 | 14 | 26-30 | 28,352 |
| *995 | Cortland | 4.86 | | 59,953 47 | 37,770 69 | 4/29/12 | 100 | 9/25/13 | 4.86 | 12 | 24-28 | 34,181 |
| 996 | Cortland | 2.25 | | 23,129 80 | 13,646 58 | 4/29/12 | 100 | 1/8/13 | 2.25 | 14 | 26 | 18,477 |
| *997 | Greene | 6.11 | | 102,520 25 | 72,956 48 | 6/13/12 | 100 | 12/30/13 | 6.11 | 16 | 23-26 | 57,329 |
| 998 | Greene | 6.27 | | 95,867 60 | 67,349 92 | 4/25/12 | 100 | 12/19/13 | 6.27 | 16 | 22-26 | 53,811 |
| 999 | Schoharie | 6.68 | | 73,282 36 | 51,627 96 | 4/23/13 | 100 | 4/27/14 | 6.68 | 14-16 | 24-30 | 55,656 |
| *1000 | Steuben | | | 52,023 36 | 32,774 72 | 4/24/12 | 100 | 1/26/14 | 4.96 | 14 | 22-24 | 40,560 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued).

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|------------------------|-----------------------------|----------------------------|------------------|-------------|-------------|-------|
| BOTTOM | | TOP | | Surfacing. | Per square yard of pavement | Per mile of 16-20' highway | Year resurfaced | Miles. Type | | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| S. Con. (4) (11) | 5 | | | H. O. (4), T. (16) | 0.940 | 15,580 | | | Oiled | 1980 |
| App. St. | 3 | App. St. | 3 | Asp. (1) | 1.066 | 15,940 | | | Oiled | 1981 |
| S. Con. (13) | 5 | | | Sn. T. (17) | 1.019 | 13,390 | | | Oiled | 1982 |
| Sub. | 6 | App. St. | 3 | Se. water | 0.647 | 11,090 | | | | 1983 |
| S. Con. (1) | 5 | Sst. | 1 | T. (17) | 0.947 | 13,230 | 1915 | 2.00 | Bit. Mse. | 1984 |
| S. Con. (5) | 5 | | | T. (17) | 0.751 | 11,520 | | | | 1985 |
| S. Con. (5) | 5 | Br. (22) | 4 | | 2.079 | 23,990 | | | | 1985A |
| | | Slag. | 1 1/2 | T. (17) | 0.249 | 2,770 | | | | 1985 |
| S. Con. (5) | 5 | Sl | 1 1/2 | T. (17) | 1.000 | 13,960 | | | | 1985 |
| S. Con. (5) | 5 | | | T. (17) | 0.751 | 11,920 | | | | 1985A |
| | | Br. (22) | 4 | | 2.079 | 24,390 | | | | 1985A |
| Dol. | 3 | Dol. | 3 | Se. water | 0.628 | 9,300 | | | Oiled | 1986 |
| Dol. | 3 | Dol. | 3 | Se. water | 0.703 | 10,000 | | | Oiled | 1987 |
| S. Con. (1)(2) | 6 | | | H. O. (3), Glu. | 0.733 | 13,050 | | | | 1988 |
| Qst. | 6 | Dol. | 3 | Asp. (1) | 0.832 | 12,065 | | | | 1989 |
| Sub. | 6 | Sst., Grn. | 3 | Asp. (1) (7) | 0.833 | 11,583 | | | | 1990 |
| Sub. | 6 | | | | 0.292 | 6,505 | | | | 1990 |
| | | Grn. | 3 | Asp. (1, 7) | 0.569 | 5,676 | | | | 1970A |
| Sub. | 6 | Grn. | 3 | Asp. (1, 7) | 0.844 | 11,814 | | | | 1970 |
| | | | | | | | | | | 1970A |
| S. Con. (13, 16) | 5 | | | Sn. H. O. (3), T. (17) | 0.844 | 13,790 | 1917 | 3.48 | 2" BM. MM-2 | 1971 |
| App. St. | 4 | App. St. | 2 1/2 | Asp. (10) | 0.843 | 12,045 | | | | 1972 |
| App. St. | 4 | App. St. | 2 | Se. water | 0.617 | 9,925 | | | | 1973 |
| Grv. | 6 | Lo. St. | 3 | Se. water | 0.655 | 10,840 | | | Oiled | 1974 |
| Sub. | 17 | Gr. St. | 3 | Ber. (1) | 0.712 | 14,245 | | | | 1975 |
| Li. | 3 | Li. | 3 | Asp. (3, 4) | 1.037 | 14,600 | | | | 1976 |
| S. Con. | 5 | | | T. (17) HO (1) | 0.868 | 13,110 | | | | 1976 |
| Old Con. | | S. Con. | Av. 4 | | 0.679 | 12,005 | | | | 1976 |
| Old Con. | | F. Con. | Av. 4 | | 1.525 | 15,425 | | | | 1976A |
| S. Con. (8)(9) | 5 | Br. (22) | 4 | | 2.020 | 24,980 | | | | 1977 |
| Sub. | 6 | Li. | 3 | Se. water | 0.628 | 10,925 | | | | 1978 |
| Sub. | 6 | Sst., Li. | 3 | Se. water | 0.713 | 12,140 | | | Oiled | 1979 |
| Sst. | 4 | Sst. | 2 1/2 | Asp. (10) | 0.712 | 12,080 | | | | 1980 |
| S. Con. (10) | 5 | | | Grv., T. (17) | 0.554 | 17,590 | | | | 1981 |
| | | F. Con. (10) | 6 | | 1.279 | 17,915 | | | | 1981A |
| Grv. 6, Sst. 4 | 10 | Sst. | 3 | Se. water | 1.222 | 17,380 | | | | 1981 |
| S. Con. | 5 | | | Grv., T. (17) | 0.554 | 13,400 | | | | 1981A |
| | | F. Con. (10) | 6 | | 1.279 | 20,205 | | | Oiled | 1981 |
| Grv. 6, Sst. 4 | 10 | Sst. | 3 | Se. water | 1.222 | 19,670 | | | Oiled | 1981A |
| Sub. | 6 | Sst. | 3 | Se. water | 0.612 | 10,760 | | | Oiled | 1982 |
| Sub. | 6 | Sst. | 3 | Asp. (10) | 0.744 | 10,890 | | | | 1983 |
| S. Con. (9) | 6 | | | T. (17) Se., Sn. | 0.968 | 13,250 | 1915 | 2.07 | Bit. Mse. | 1984 |
| Gab. & Sy. | 3 | Gab. & Sy. | 3 | Asp. (7, 1) | 0.805 | 20,120 | | | | 1985 |
| Sub. 12", St. 2" | 14 | | | | 1.357 | 23,685 | | | | 1985A |
| App. St. | 3 | App. St. | 3 | Asp. (7, 1) | 0.951 | 19,805 | | | | 1985A |
| (Shoulders) | | App. St. | 6 | | 0.861 | 19,015 | | | | 1985 |
| Gab. & Sy. | 3 | Gab. & Sy. | 3 | Asp. (7, 1) | 0.805 | 19,930 | | | | 1985 |
| Sub. 12", St. 2" | 14 | | | | 1.357 | 25,110 | | | Oiled | 1985 |
| App. St. | 3 | App. St. | 3 | Asp. (7, 1) | 0.951 | 21,290 | | | | 1985A |
| (Shoulders) | | App. St. | 6 | | 0.861 | 20,440 | | | | 1985 |
| Sub. | 8 | Sst. | 3 | Se. water | 0.523 | 13,370 | | | | 1986 |
| Sub. | 8 | Sst. | 3 | Se. water | 0.733 | 13,305 | | | Oiled | 1987 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 1.353 | 18,085 | | | | 1988 |
| S. Con. (13) | 5 | Br. (32) | 4 | | 1.740 | 24,335 | | | | 1989 |
| S. Con. (10) | 10 | Br. (32) | 4 | | 1.930 | 26,125 | | | | 1990 |
| S. Con. (11, 16) | 5 | Br. (11) | 4 | | 1.862 | 23,350 | | | | 1991 |
| S. Con. (14) | 6 | Sn. | 1 | T. (17) | 0.773 | 12,020 | | | | 1991 |
| S. Con. (6) | 6 | | | Se. T. (17) | 0.963 | 13,070 | | | | 1992 |
| Grv. | 7 | Grv. | 2 | Se. water | 0.690 | 9,710 | | | | 1993 |
| S. Con. (10) | 7 | | | H. O. (10) Glu. | 0.921 | 12,585 | | | | 1994 |
| Sub. | 6 | App. St. | 3 | Asp. (10) | 1.049 | 15,000 | | | Oiled | 1995 |
| Sub. | 8 | Lo. St. | 3 | Se. water | 0.845 | 11,270 | | | Oiled | 1996 |
| Sub. | 6 | Sst. | 3 | Asp. (10) | 0.911 | 16,830 | | | Oiled | 1997 |
| Sub. | 6 | Sst. | 3 | Asp. (10)† | 0.760 | 15,300 | | | Oiled | 1998 |
| Sub. | 6 | Li. | 3 | | 0.854 | 11,910 | | | Oiled | 1999 |
| Sub. | 6 | | | Glu., H. O. (10) | 0.407 | 11,495 | | | | 1999* |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1000A | Steuben | | | \$80,555 81 | \$41,177 95 | 2/20/14 | 100 | 12/28/14 | 4.96 | 14 | 22 1/2 | 40,560 |
| 1000 | Steuben | 6.96 | | 112,579 17 | 73,952 67 | | | | 1.99 | 14 | 24 | 16,600 |
| 1000A | Steuben | | | | | | | | 4.96 | 14 | 22 1/2 | 40,560 |
| 1001 | Tomp. | 6.45 | | 59,471 33 | 34,036 93 | 4/27/12 | 100 | 8/10/15 | 1.99 | 14 | 24 | 16,425 |
| | | | | | | | | | 6.45 | 14-18 | 26 | 55,680 |
| 1002 | Tomp. | 2.52 | | 34,454 59 | 17,909 82 | 4/29/12 | 100 | 1/20/13 | 1.31 | 16-32 | 28-36 | 14,131 |
| | | | | | | | | | 0.37 | 16 | 26 | 3,465 |
| 1003 | Tomp. | 1.17 | | 14,173 49 | 7,653 68 | 6/15/12 | 100 | 10/27/14 | 0.84 | 14 | 24 | 6,837 |
| 1003A | Tomp. | 0.20 | | 3,226 72 | 2,129 63 | 6/10/14 | 100 | 10/29/14 | 1.17 | 18 | 28-31 | 11,019 |
| 1004 | Tomp. | 4.58 | | 48,466 62 | 28,582 08 | 6/15/12 | 100 | 11/4/14 | 0.20 | 18 | 28 | 1,956 |
| 1005 | Schuy. | 6.55 | | 54,017 97 | 39,433 12 | 7/20/12 | 100 | 6/2/14 | 4.58 | 14 | 24 | 37,662 |
| 1006 | Dutch. | 2.97 | | 42,018 56 | 21,009 28 | 6/13/12 | 100 | 7/23/13 | 6.55 | 14 | 24 | 53,823 |
| 1007 | Dutch. | 2.72 | | 31,605 65 | 15,802 82 | 4/29/12 | 100 | 11/20/12 | 2.97 | 18 | 26 | 27,840 |
| 1008 | Clinton. | 1.28 | | 16,886 18 | 11,820 33 | 4/19/12 | 100 | 12/12/12 | 2.72 | 14, 18 | 26, 32 | 23,084 |
| 1009 | Monroe. | 0.53 | | 6,631 17 | 3,315 58 | 5/28/12 | 100 | 12/2/13 | 1.28 | 14 | 28 | 10,524 |
| 1010 | Livings. | 0.98 | | 16,062 59 | 8,031 29 | 5/4/12 | 100 | 9/2/13 | 0.53 | 16 | 32 | 4,992 |
| 1011 | Chautau. | 4.70 | | 72,637 64 | 41,403 45 | 4/24/12 | 100 | 7/21/15 | 0.98 | 16 | 32 | 9,262 |
| | | | | | | | | | 4.70 | 8 | 30 | 24,960 |
| | | | | | | | | | 0.40 | 16 | 32 | 3,735 |
| 1012 | Chautau. | 1.79 | | 24,106 62 | 19,745 76 | 4/24/12 | | | 1.24 | 16 | 26 | 11,615 |
| | | | | | | | | | 0.15 | 16 | 26 | 1,400 |
| 1012A | Chautau. | 1.51 | | 22,316 96 | 14,506 02 | 7/16/15 | 100 | 10/30/16 | 1.51 | 16 | 30 | 14,185 |
| 1013 | Chem. | 0.19 | | 3,339 75 | 2,438 02 | 4/27/12 | 100 | 1/8/13 | 0.19 | 16 | 28 | 1,764 |
| 1014 | Chem. | 0.08 | | 1,484 22 | 1,098 32 | 4/24/12 | 100 | 7/24/12 | 0.08 | 16 | 26 | 711 |
| 1015 | West. | 7.24 | | 110,799 22 | 52,831 67 | 6/14/12 | 100 | 12/6/14 | 7.24 | 14-18 | 24 | 62,411 |
| | | | | | | | | | 3.60 | 14 | 26 | 29,379 |
| 1016 | Cayuga. | 7.79 | | 137,717 53 | 68,335 61 | 4/25/12 | 100 | 3/25/14 | 1.06 | 16-45 | 30-45 | 13,516 |
| | | | | | | | | | 3.13 | 14-16 | 26-30 | 25,897 |
| 1017 | Essex. | 6.12 | | 92,375 14 | 62,105 05 | 3/16/14 | 100 | 2/5/15 | 0.51 | 16 | 26 | 4,823 |
| | | | | | | | | | 5.61 | 14 | 26 | 47,099 |
| 1018 | Suffolk. | 6. | | 77,302 23 | 38,601 11 | 4/26/12 | 100 | 1/8/13 | 6.79 | 16 | 30 | 63,784 |
| 1019 | Rock. | 4.47 | | 59,877 02 | 29,938 51 | 6/24/12 | 100 | 10/1/13 | 3.88 | 14 | 28 | 32,094 |
| | | | | | | | | | 0.59 | 14 | 28 | 4,570 |
| 1020 | Lewis. | 4.61 | | 53,636 38 | 41,646 66 | 6/19/12 | 100 | 12/30/13 | 4.61 | 14-19 1/2 | 19-28 | 37,951 |
| *1021 | Warren. | | | 3,406 80 | 2,473 91 | 6/12/12 | | | 3.52 | | 20-24 | |
| 1021A | Warren. | | | 47,998 00 | 35,231 35 | 2/20/14 | 100 | 1/8/15 | 3.52 | 14 | 20-24 | 26,044 |
| 1021 | Warren. | 3.52 | | 51,404 80 | 37,705 26 | | | | 3.52 | 14 | 20-24 | 26,044 |
| 1021A | Warren. | | | | | | | | | | | |
| 1022 | Madison. | 3.18 | | 26,281 05 | 19,954 58 | 6/12/12 | 100 | 8/8/13 | 3.18 | 14 | 26 | 14,220 |
| | | | | | | | | | | 14 | 26 | 11,880 |
| 1023 | Warren. | 6.36 | | 73,603 95 | 57,917 29 | 6/13/12 | 100 | 7/2/15 | 6.36 | 14 | 24 | 52,204 |
| 1024 | Cattar. | 0.77 | | 30,969 40 | 9,749 27 | 6/13/12 | 100 | 6/24/14 | 0.77 | 16-30 | 30-32 | 12,727 |
| 1025 | Hamilt. | 7.75 | | 124,136 58 | 99,309 50 | 6/11/12 | 100 | 8/17/15 | 7.75 | 16 | 26 | 72,760 |
| 1026 | Chaut. | 3.99 | | 115,000 00 | 74,750 00 | 5/10/15 | 73 | | 3.99 | 16 | 26-30 | 37,596 |
| 1027 | Chaut. | 4.34 | | 67,700 00 | 44,005 00 | 7/21/16 | 88 | | 4.34 | 10 | 28 | 25,437 |
| 1028 | Schenec. | 1.39 | | 18,262 55 | 11,870 66 | 6/17/12 | 100 | 12/10/12 | 1.39 | 16 | 24, 26 | 13,080 |
| 1029 | Schenec. | 4.16 | | 48,589 61 | 31,778 25 | 6/11/12 | 100 | 9/25/13 | 4.16 | 14 | 26 | 34,202 |
| 1030 | Living. | 1.25 | | 22,804 23 | 10,530 00 | 6/15/12 | 100 | 10/29/14 | 1.25 | 16-56 | 32-59 | 13,640 |
| 1031 | St. Law. | 4.00 | | 50,342 23 | 36,245 40 | 6/12/12 | 100 | 11/30/13 | 4.00 | 12, 16 | 24, 32 | 29,315 |
| 1032 | St. Law. | 5.37 | | 64,250 46 | 46,280 33 | 6/17/12 | 100 | 2/23/14 | 4.36 | 14-16 | 26-32 | 36,084 |
| | | | | | | | | | 1.01 | 16 | 32 | 9,497 |
| 1033 | St. Law. | 1.00 | | 54,473 70 | 13,819 23 | 6/14/12 | 100 | 12/16/13 | 1.00 | 20-45 | 30-54 | 18,973 |
| | | | | | | | | | 0.60 | 9-19 | | 3,204 |
| 1034 | Erie. | 4.20 | | 54,135 25 | 35,187 92 | 6/12/12 | 100 | 12/30/13 | 4.20 | 16 | 28-32 | 39,399 |
| 1035 | Erie. | | | 1,499 07 | 974 40 | 6/17/12 | | | 3.11 | | | |
| 1035A | Erie. | | | 58,301 84 | 37,896 84 | 7/31/14 | 100 | 10/19/16 | 0.52 | 16 | 32 | 4,875 |
| | | | | | | | | | 2.59 | 14 | 28 | 21,343 |
| 1035 | Erie. | | | | | | | | 0.52 | 16 | 32 | 4,875 |
| 1035A | Erie. | 3.11 | | 59,801 91 | 38,871 24 | | | | | | | |
| | | | | | | | | | 2.59 | 14 | 28 | 21,343 |
| 1036 | Erie. | 3.77 | | 68,968 77 | 44,829 70 | 6/12/12 | 100 | 12/4/14 | 3.77 | 14 | 28 | 81,372 |
| 1037 | Erie. | 0.71 | | 34,109 44 | 12,183 98 | 6/3/12 | 100 | 7/5/14 | 0.71 | 30 | 30 | 13,023 |

* list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PERCENT PAYMENTS | | Highway No. |
|--------------------------------|-----------|---------------|-----------|---------------|-----------------------------|----------------------------|-----------------|------------------|-----------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| | | Set | 3 | T. (17) | 0.684 | 8,574 | | | | 1009A |
| | | Set | 3 | T. (17) | 1.100 | 12,479 | | | | 1000 |
| | | Set | 3 | T. (17) | 1.100 | 9,313 | | | | 1000A |
| | | Set | 3 | T. (17) | 1.100 | 9,313 | | | | 1001 |
| | | App. St. | 3 | Sec. water | HO. (10) | 0.604 | 9,060 | | | 1002 |
| | | Li | 13 | Asp. (3) | HO. (3) | 1.126 | 14,060 | | Oiled | 1003 |
| | | Li | 24 | Asp. (3) | HO. (3) | 1.068 | 13,515 | | Oiled | 1003A |
| | | Li | 24 | Asp. (3) | HO. (3) | 0.857 | 11,535 | | Oiled | 1004 |
| | | App. St. | 3 | Sec. water | HO. (10) | 0.727 | 12,090 | | Oiled | 1005 |
| | | App. St. | 3 | Sec. water | HO. (2) | 0.847 | 16,130 | | Oiled | 1006 |
| | | Set | 3 | Sec. water | HO. (11) | 0.714 | 11,410 | | Oiled | 1007 |
| | | HO. (10) | | | | 0.591 | 9,350 | | Oiled | 1008 |
| | | Qrs. | 3 | Asp. (1) (10) | HO (10), Glu. | 0.770 | 14,150 | | | 1009 |
| | | App. St. | 3 | Sec. water | T. () HO. (3) | 0.693 | 15,620 | | | 1010 |
| | | Li | 3 | Asp. (10) | | 0.871 | 14,210 | | | 1011 |
| | | App. St. | 3 | Sec. water | HO. (4) | 0.881 | 12,570 | | | 1012 |
| | | Br. (19) | 4 | | | 0.697 | 14,440 | | | 1013 |
| | | Br. (19) | 4 | | | 1.764 | 22,450 | | | 1014 |
| | | Br. (19) | 4 | | | 1.768 | 23,800 | | | 1015 |
| | | App. St. | 3 | Asp. (10) | | 1.180 | 18,310 | | | 1016 |
| | | F Con. (15) | 7P | | | 0.465 | 11,590 | | | 1017 |
| | | Tr | 3 | Asp. | | 1.187 | 14,610 | | | 1018 |
| | | App. St. | 3 | Asp. | | 1.506 | 17,645 | | | 1019 |
| | | App. St. | 3 | Asp. | | 1.259 | 19,275 | | Oiled | 1020 |
| | | Con. (d) (10) | 6 | | Sec., Sn.T.(17) | 0.930 | 15,930 | | Oiled | 1021 |
| | | Li | 3 | Asp. (10) | | 1.003 | 15,370 | | | 1022 |
| | | Br. (25) | 4 | | | 2.026 | 24,990 | | | 1023 |
| | | A. (19)T.(17) | 4 | | | 0.904 | 14,425 | 1915 | 3.14 | 1024 |
| | | Grn. Blk. | 4 | | | 3.036 | 34,770 | | Bit. Maa. | 1025 |
| | | Set | 3 | Sec. water | | 0.878 | 14,045 | | Oiled | 1026 |
| | | Cem. Grv | 3 | Sec. water | HO. (10) | 0.952 | 11,200 | | Oiled | 1027 |
| | | Tr | 3 | Asp. (10) | HO(10)T.(16) | 0.910 | 14,190 | | Oiled | 1028 |
| | | Fld | 3 | Asp. (7) | | 0.913 | 14,220 | | Oiled | 1029 |
| | | Fld | 3 | Asp. (7) | | 1.005 | 12,670 | | Oiled | 1030 |
| | | Av.4 | App. St. | 3 | Asp. (10) | 0.921 | 14,905 | | | 1031 |
| | | Av.4 | App. St. | 3 | Asp. (10) | 0.921 | 15,045 | | | 1032 |
| | | Grv. Con. | 5 | | Sn. T. (17)... | 0.871 | 11,890 | | | 1033 |
| | | Grv. Con. | 5 | | Sn. T. (17)... | 1.016 | 13,250 | | | 1034 |
| | | Grn | 3 | Asp. (8) | | 0.724 | 12,430 | | | 1035 |
| | | Br. (32) | 4 | | | 1.716 | 25,380 | | | 1036 |
| | | Grn | 3 | Asp. (1) | | 1.009 | 16,010 | | | 1037 |
| | | Br. (15) | 4 | | | 2.176 | 28,800 | | | 1038 |
| | | FCon(b)16 | 2-P | | | 1.457 | 20,455 | | | 1039 |
| | | App. St. | 3 | Asp. (10) | | 0.828 | 13,140 | | Oiled | 1040 |
| | | Set | 3 | Asp. (10)† | | 0.763 | 12,640 | | Oiled | 1041 |
| | | Grn | 3 | Asp. (1) | T. (16), HO. | 0.872 | 16,590 | | Oiled | 1042 |
| | | Grn | 3 | Sec. Water | Glu. HO. (3) | 0.960 | 16,240 | | Oiled | 1043 |
| | | Grn | 3 | Asp. (1) | | 0.863 | 12,060 | | Oiled | 1044 |
| | | Br. (9) | 4 | | | 1.142 | 14,680 | | | 1045 |
| | | Br. (9) | 4 | | | 1.966 | 23,215 | | | 1046 |
| | | Br. (9) | 4 | | | 1.965 | 23,205 | | | 1047 |
| | | Li | 3 | Asp. (7) | | 0.985 | 14,020 | | Oiled | 1048 |
| | | Br. (4, 15) | 4 | | | 2.300 | 28,350 | | | 1049 |
| | | App. St. | 3 | Asp. (10) | | 1.224 | 18,250 | | | 1050 |
| | | Br. (4, 15) | 4 | | | 2.300 | 28,510 | | | 1051 |
| | | App. St. | 3 | Asp. (10) | | 1.224 | 18,400 | | | 1052 |
| | | Li | 3 | Rock Asp. | | 1.559 | 19,880 | | | 1053 |
| | | Br. (32) | 4 | | | 1.607 | 30,195 | | | 1054 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1037A | Erie... | 0.39 | ..... | \$20,063 92 | \$13,201 35 | 12/14/14 | 100 | 2/ 2/16 | 0.39 | 16 | 26-32 | 3,729 |
| 1038 | Erie... | 2.89 | ..... | 48,848 42 | 31,751 47 | 6/12/12 | 100 | 1/26/14 | 2.89 | 16 | 28 | 27,204 |
| | | | | | | | | | 0.11 | 34 | 34 | 2,767 |
| 1039 | Onon... | 11.10 | ..... | 129,790 42 | 81,366 57 | 6/11/12 | 100 | 10/10/13 | 1.26 | 14 | 26 | 9,940 |
| | | | | | | | | | 9.79 | 14-16 | 26 | 81,756 |
| 1040 | Onon... | 0.49 | ..... | 7,970 69 | 5,184 85 | 6/22/12 | 100 | 11/ 6/12 | 0.48 | 16 | 26 | 4,617 |
| 1041 | Onon... | 6.08 | ..... | 81,934 47 | 53,257 41 | 6/ 8/12 | 100 | 1/26/14 | 6.04 | 14 | 26 | 49,943 |
| 1042 | Onon... | 4.24 | ..... | 45,805 48 | 29,773 50 | 9/27/12 | 100 | 9/—/13 | 4.23 | 14 | 16 | 35,748 |
| 1043 | Onon... | 1.35 | ..... | 18,646 65 | 12,120 32 | 7/28/13 | 100 | 1/26/14 | 1.39 | 16 | 30-40 | 13,313 |
| 1044 | Onon... | 1.02 | ..... | 21,451 77 | 13,200 82 | 6/17/12 | 100 | 9/26/13 | 0.13 | 35 | 37 | 1,792 |
| | | | | | | | | | 0.53 | 18, 34 | 23, 34 | 7,920 |
| 1045 | Niagara... | 5.13 | ..... | 163,423 56 | 39,018 83 | 6/22/12 | 100 | 10/23/17 | 5.19 | 16 | 32 | 48,199 |
| 1046 | Oswego... | 2.79 | ..... | 37,493 04 | 25,454 47 | 6/15/12 | 100 | 11/12/13 | 2.72 | 14 | 26 | 23,082 |
| | | | | | | | | | 1.2 | 28 | 28 | 25,513 |
| | | | | | | | | | 0.0 | 34 | 34 | 1,207 |
| 1047 | Oswego... | 3.10 | ..... | 135,878 01 | 48,339 47 | 6/ 4/12 | 100 | 1/22/13 | 1.4 | 16-28 | 28-30 | 18,969 |
| | | | | | | | | | 0.3 | 24 | 24 | 6,358 |
| 1048 | Suffolk... | 3.87 | ..... | 51,600 00 | 33,540 00 | 6/12/12 | 100 | ..... | 3.81 | 16 | 28-32 | 36,320 |
| 1049 | Renss... | 0.51 | ..... | 35,895 02 | 5,623 51 | 7/ 2/12 | 100 | 2/16/13 | 0.55 | 40 | 40 | 12,353 |
| 1050 | Renss... | 1.58 | ..... | 22,152 82 | 9,738 76 | 6/12/12 | 100 | 12/ 2/13 | 1.54 | 16 | 24-32 | 16,562 |
| | | | | | | | | | 0.94 | 16 | 28-36 | 8,759 |
| 1051 | Dutchess | 1.28 | ..... | 25,658 95 | 14,338 29 | 5/28/14 | 100 | 1/13/15 | 0.00 | 16 | 28 | 336 |
| | | | | | | | | | 0.3 | 16 | 28 | 2,862 |
| | | | | | | | | | 0.3 | 9 | 700 | ..... |
| 1052 | West.... | 4.68 | ..... | 61,913 23 | 40,243 60 | 12/14/14 | 100 | 7/ 5/16 | 4.13 | 14 | 22-26 | 34,094 |
| | | | | | | | | | 0.50 | 14 | 26 | 4,370 |
| 1053 | West.... | 1.46 | ..... | 30,852 41 | 20,054 07 | 8/27/13 | 100 | 4/27/14 | 1.41 | 16 | 30 | 13,591 |
| | | | | | | | | | 0.0 | 16 | 30 | 59 |
| 1054 | Genesee... | 3.88 | ..... | ..... | ..... | 1/ 7/15 | 100 | 5/ 6/18 | 3.88 | 14 | 24 | 31,888 |
| *1055 | Wyom... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *1056 | Wyom... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *1057 | Wyom... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1058 | Wayne... | 2.25 | ..... | 19,200 00 | 14,560 00 | 7/14/16 | 29 | ..... | 2.25 | 12 | 24 | 15,892 |
| 1059 | Wayne... | 1.88 | ..... | ..... | ..... | 2/26/17 | 100 | 11/15/18 | 0.44 | 12 | 24 | 3,085 |
| | | | | | | | | | 1.44 | 12 | 24 | 10,191 |
| 1060 | Wayne... | 6.41 | ..... | ..... | ..... | 7/17/16 | 100 | 8/27/18 | 6.41 | 12 | 26-28 | 45,160 |
| 1061 | Chaut... | 0.59 | ..... | 19,577 51 | 7,256 55 | 5/ 4/13 | 100 | 1/15/14 | 0.59 | 16-30 | 30 | 7,394 |
| 1062 | Chaut... | 1.59 | ..... | 53,096 26 | 23,860 75 | 5/ 7/15 | 100 | 8/ 7/16 | 1.59 | 14 | 30 | 20,282 |
| 1063 | Erie... | 2.55 | ..... | 58,446 96 | 29,233 47 | 8/ 4/13 | 100 | 10/29/14 | 2.55 | 16 | 32 | 24,191 |
| 1064 | Erie... | 4.03 | ..... | 55,867 38 | 36,313 80 | 11/ 4/14 | 100 | 10/ 3/16 | 2.48 | 14 | 32 | 20,519 |
| | | | | | | | | | 1.55 | 14 | 32 | 13,544 |
| 1065 | Erie... | 1.67 | ..... | 38,340 47 | 24,921 30 | 8/ 4/13 | 100 | 3/ 3/14 | 1.67 | 16 | 32 | 15,653 |
| | | | | | | | | | 1.81 | 16, 30 | 30, 32 | 20,088 |
| 1066 | Erie... | 6.56 | ..... | 159,597 05 | 98,498 99 | 11/ 4/14 | 100 | 8/ 7/17 | 4.90 | 16 | 32 | 43,216 |
| | | | | | | | | | 0.15 | 16 | 32 | 1,423 |
| 1067 | Erie... | 4.08 | ..... | 99,070 64 | 59,381 32 | 12/14/14 | 100 | 10/26/16 | 4.08 | 16-28 | 28 | 40,680 |
| 1068 | Onon... | 3.12 | ..... | 43,083 93 | 28,004 55 | 1/30/14 | 100 | 6/28/15 | 3.12 | 14 | 26 | 25,699 |
| 1069 | Onon... | ..... | ..... | 4,069 45 | 2,645 14 | 8/12/13 | 100 | 11/26/13 | 0.32 | 16 | 30 | 3,141 |
| 1070 | Onon... | 1.68 | ..... | 19,489 34 | 12,668 07 | 8/12/13 | 100 | 7/ 7/14 | 1.68 | 14-16 | 26-32 | 14,287 |
| 1071 | Onon... | 1.00 | ..... | 25,318 71 | 16,457 16 | 8/ 4/13 | 100 | 10/15/14 | 1.90 | 14 | 26 | 16,385 |
| 1072 | Onon... | 3.06 | ..... | 74,000 00 | 48,100 00 | 6/18/15 | 59 | ..... | 1.44 | 14 | 26 | 11,822 |
| | | | | | | | | | 0.62 | 14 | 26 | 5,102 |
| | | | | | | | | | 1.00 | 14 | 26 | 8,213 |
| | | | | | | | | | 0.15 | 29 | 29 | 2,500 |
| 1073 | Onon... | 7.23 | ..... | ..... | ..... | 6/18/15 | 100 | ..... | 4.73 | 19 | 24-28 | 44,209 |
| | | | | | | | | | 1.67 | 14 | 28 | 13,731 |
| | | | | | | | | | 0.23 | 16 | 30 | 1,995 |
| | | | | | | | | | 0.45 | 14 | 24 | 3,672 |
| | | | | | | | | | 0.50 | 10-35 | 24-45 | 7,573 |
| 1074 | Onon... | 1.91 | ..... | ..... | ..... | 6/29/15 | 100 | 10/17/17 | 1.09 | 16 | 24 | 10,222 |
| | | | | | | | | | 0.24 | 16 | 28 | 2,222 |
| | | | | | | | | | 0.06 | 16 | 28 | 532 |

* See list by counties. † Including \$3,394 59 refunded by Bonding Co.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|------------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|---------------------------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| S Con. (d) (16). | 6 | Br. (32) | 4 | | 2.022 | 47,607 | | | 1037A | |
| Li. | 3 | Li. | 3 | Asp. (7) | 1.055 | 16,690 | | | 1038 | |
| Grv. Con (h) (13) | 5 | Br. (14) | 4 | | 2.194 | 23,770 | | | | |
| Grv. Con (h) (13) | 5 | | | T. (17) | 0.827 | 10,900 | 1917 | 2.61 | 8" Bit Mac. | |
| Grv. Con (h) (13) | 6 | | | T. (17) | 0.827 | 10,900 | | | | |
| Li. | 4 | Li. | 3 | Asp. (1) | 0.955 | 16,230 | | | 1040 | |
| Li. | 4 | Li. | 2 | Asp. (1), (7) | 0.849 | 14,400 | | | 1041 | |
| Li. | 4 | Li. | 2 | Asp. (7) | 0.805 | 11,590 | | | 1043 | |
| Grv. Con. (d) (5) | 5 | | | T. (17), Grv. | 1.061 | 14,435 | 1917 | 1.21 | Oiled Oiled 38" Bit. Mac. | |
| S Con. (3) | 5 | Br. (17) | 4 | | 2.294 | 31,590 | | | 1044 | |
| App. St. | 4 | Li. | 2 | Asp. (1) | 0.767 | 17,230 | | | | |
| Li. | 3 | Li. | 3 | Asp. (1), (7) | 0.925 | 12,730 | | | 1045 | |
| S Con. (d) (1) | 6 | | | T. (17) | 0.810 | 13,100 | | | 1046 | |
| Grv. 9 | | | | | | | | | | |
| Con. (h) (1) 5. | 14 | Br. (3) | 4 | | 2.297 | 33,010 | | | | |
| Grv. 9 | | | | | | | | | | |
| Con. (h) (1) 5. | 14 | Med. Blk. | 5 | | 2.947 | 39,110 | | | | |
| Grv. 9 | | | | | | | | | 1047 | |
| Con. (h) (1) 6. | 15 | | | Asp. (19) | 1.320 | 23,840 | | | | |
| Grv. 9 | | | | | | | | | | |
| Con. (h) (1) 7. | 16 | | | T. (17) | 1.367 | 24,280 | | | | |
| Cem. Grv. | 3 | Cem. Grv. | 3 | Sn. HO. (9) | 0.939 | 12,575 | | | 1048 | |
| Grv. Con (h) (10) | 6 | Br. (22) | 4 | | 2.118 | 42,010 | | | 1049 | |
| Li. | 4 | Li. | 3 | Asp. (1) | 0.833 | 13,110 | | | 1050 | |
| Dol. Li. | 5 | Tr. | 3 | Asp. (2) MM. 1 | 1.440 | 18,305 | | | | |
| Dol. Li. | 8 | Tr. | 3 | Asp. (2) MM. 1 | 1.683 | 20,585 | | | | |
| Sub. 6 Dol. Li. 2 | 8 | Tr. | 3 | Asp. (2) MM. 1 | 1.433 | 18,235 | | | 1051 | |
| App. St. | 9 | Tr. | 3 | Asp. (2) MM. 1 | 1.135 | 15,435 | | | | |
| Gn. | 4 | Gn. | 3 | HC. T. (17) | 0.874 | 14,085 | | | 1053 | |
| Sub. 8" Gn. 2" | 10 | Gn. | 3 | HC. T. (17) | 1.374 | 18,785 | | | | |
| (Old Mac.) | | Asp. Blk. | 3 | | 1.600 | 21,205 | | | 1053 | |
| (Old Mac.) | | Set. | 3 | Se. water | 1.020 | 15,690 | | | 1054 | |
| Slag | 5 | Li. | 3 | Se. water | | | | | 1054 | |
| | | | | | | | | | 1055 | |
| | | | | | | | | | 1056 | |
| | | | | | | | | | 1057 | |
| Grv. | 6 | Grv. | 3 | Water | 0.563 | 9,851 | | | 1058 | |
| Grv. | 6 | Lo. Li. | 3 | Water | | | | | 1059 | |
| Grv. | 9 | Lo. Li. | 3 | Water | | | | | | |
| Lo. St. | 4 | Li. | 3 | Se. water | | | | | 1060 | |
| Grv. Con. (h) (1) | 5 | Br. (15) | 4 | | 1.809 | 27,490 | | | 1061 | |
| S Con. (e) (16) | 6 P. | Br. (3) | 4 | | 1.861 | 27,120 | | | 1062 | |
| Grv. Con. (g) (14) | 5 | Br. | 4 | | 1.859 | 22,404 | | | 1063 | |
| Li. | 5 | Li. | 3 | Se. water | 1.035 | 14,820 | | | 1064 | |
| Slag | 5 | Li. | 3 | Se. water | 1.035 | 14,820 | | | 1065 | |
| Grv. Con. (g) (14) | 5 | Br. (22) | 4 | | 1.884 | 22,009 | | | 1066 | |
| S Con. (d,g) (16) | Av. 5 | Br. (14, 22, 15) | 4 | | 2.094 | 26,302 | | | | |
| | | F Con. | 8-P | | 1.410 | 17,040 | | | 1066 | |
| S Con. (d,g) (16) | Av. 6 | Med. Blk. | 5 | | 3.294 | 37,630 | | | | |
| S Con. (d) (5, 15) | Av. 5 | Br. (9, 22, 32) | 4 | | 1.954 | 21,660 | | | 1067 | |
| Li. | 4 | Li. | 2 | Se. water | 0.821 | 14,770 | | | 1068 | |
| Li. | 4 | Li. | 2 | Asp. (1) | 0.875 | 12,720 | | | 1069 | |
| App. St. | 4 | App. St. | 2 | Se. water | 0.872 | 12,290 | 1916 | 1.25 | 24" Bit. Mac. | |
| Grv. Sub. Grv. | | | | | | | | | | |
| Con. (h) (10) | 6 | | | T. (16, 17) Grv. | 0.926 | 13,791 | | | 1071 | |
| Li. | 4 | Li. | 24 | Asp. | 0.845 | 21,750 | | | | |
| Li. | 5 | Li. | 24 | Asp. | 0.908 | 22,910 | | | 1072 | |
| Grv. 6, Li. 5 | 11 | Li. | 24 | Asp. | 1.326 | 26,270 | | | | |
| S Con. (1, 10) | 5 | Br. (18) | 4 | | 2.411 | 29,572 | | | | |
| Li. | 5 | Li. | 24 | Asp. | 1.073 | 16,013 | | | | |
| Li. | 34 | Li. | 24 | Asp. | 0.929 | 15,706 | | | 1073 | |
| Li. | 24 | Li. | 24 | Asp. | 2.674 | 13,274 | | | | |
| Old Mac. | | Li. | 3 | Asp. | 0.475 | 11,403 | | | | |
| S Con. (1, 2, 6, 9) | 5 | Br. (18) | 4 | | | | | | | |
| Sub. | 6 | F. Con. | 6 | (1, 2, 6, 9) | | | | | 1074 | |
| Old Mac. | | F. Con. | 6 | (1, 2, 6, 9) | | | | | | |
| | | Br. (18) | 4 | | | | | | | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 189 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1075 | Cort... | 5.25 | ..... | \$51,609 69 | \$36,128 78 | 10/16/14 | 100 | 12/10/15 | 5.25 | 14 | 26 | 43,206 |
| 1076 | Tioga... | 4.29 | ..... | 43,099 87 | 31,868 00 | 8/27/15 | 100 | 9/ 5/17 | 4.29 | 14 | 26 | 35,227 |
| 1077 | Tioga... | 4.92 | ..... | 40,274 69 | 29,803 27 | 8/28/15 | 100 | 11/ 8/16 | 4.72 | 14 | 24 | 38,757 |
| *1078 | Tioga... | ..... | 6.00 | 80,000 00 | ..... | 8/18/19 | 87 | ..... | { 0.27 | 12 | 24 | 1,865 |
| | | | | | | | | | { 5.73 | 12 | 24 | 40,369 |
| 1079 | Tioga... | 4.07 | ..... | 33,973 64 | 25,804 01 | 10/29/15 | 100 | 1/30/17 | 4.07 | 14 | 26 | 33,463 |
| 1080 | Wash... | 0.94 | ..... | 9,164 02 | 6,598 09 | 8/ 4/13 | 100 | 1/19/14 | 0.94 | 16 | 26-32 | 8,808 |
| 1081 | Wash... | 3.34 | ..... | 33,052 95 | 23,798 12 | 5/27/15 | 100 | 11/23/16 | 3.34 | 12 | 24 | 23,530 |
| 1082 | Wash... | 1.72 | ..... | 71,786 56 | 26,932 18 | 9/19/12 | 100 | 2/23/14 | { 1.49 | Varies | Varies | 25,368 |
| | | | | | | | | | { 0.23 | 16 | 26 | 2,155 |
| 1083 | Wash... | 0.56 | ..... | 33,929 47 | 11,559 40 | 9/15/13 | 100 | 12/11/14 | 0.56 | 21-35 | 21-35 | 10,882 |
| *1084 | Niagara... | 0.97 | ..... | 42,728 04 | 9,810 37 | 8/12/13 | 100 | 5/18/14 | 0.97 | 30-40 | 30-40 | 18,056 |
| 1085 | Niagara... | 0.60 | ..... | 39,376 54 | 9,147 79 | 8/12/13 | 100 | 12/ 3/14 | 0.60 | 30 | 30 | 10,912 |
| 1086 | Niagara... | 2.77 | ..... | 70,556 21 | 28,210 13 | 9/19/13 | 100 | 10/15/14 | 2.77 | 16-32 | 32 | 30,448 |
| 1087 | Niagara... | ..... | 1.53 | 29,000 00 | 19,720 00 | 7/19/15 | 94 | ..... | { 0.50 | 16 | 32 | 4,759 |
| | | | | | | | | | { 1.01 | 16 | 32 | 9,701 |
| 1089 | Frank... | 10.72 | ..... | 110,472 57 | 88,378 05 | 5/22/14 | 100 | 9/23/15 | 10.72 | 12-16 | 24-28 | 77,279 |
| 1090 | Frank... | 4.35 | ..... | 57,846 35 | 46,277 08 | 4/ 4/14 | 100 | 12/18/14 | { 2.91 | 14 | 26 | 25,881 |
| | | | | | | | | | { 1.44 | 14 | 26 | 11,809 |
| *1091 | Allegany... | 0.51 | ..... | 25,097 49 | 11,881 02 | 8/22/13 | 100 | 1/22/14 | 0.51 | 25-36 | 27-38 | 7,502 |
| 1092 | Lewis... | 0.36 | ..... | 20,107 62 | 4,191 41 | 9/15/13 | 100 | 3/ 3/14 | 0.36 | 36 | 36 | 7,637 |
| 1093 | Chem... | 1.10 | ..... | 66,507 36 | 11,705 35 | 10/ 2/13 | 100 | 1/ 4/15 | 1.10 | 38 | 38 | 23,548 |
| 1094 | Chem... | 1.12 | ..... | 48,049 18 | 11,602 34 | 9/10/12 | 100 | 11/27/14 | 1.12 | 28 | 30 | 13,398 |
| 1095 | Chem... | 0.51 | ..... | 29,900 10 | 5,546 12 | 10/ 2/13 | 100 | 1/ 4/15 | 0.51 | 38 | 38 | 11,610 |
| 1096 | Chem... | 0.44 | ..... | 54,200 00 | 43,360 00 | 6/17/15 | 42 | ..... | 0.44 | 16 | 26 | 4,301 |
| 1097 | Genesee... | 4.22 | ..... | 58,600 00 | 46,880 00 | 6/17/15 | 95 | ..... | 4.22 | 16 | 26 | 3,682 |
| 1098 | Hamilt... | 4.54 | ..... | 47,851 36 | 32,638 93 | 6/10/16 | 100 | 2/ 9/17 | 5.21 | 10 | 22 | 30,561 |
| *1099 | Hamilt... | 5.21 | ..... | 91,888 65 | 62,454 28 | 7/16/15 | 100 | 12/14/16 | 9.09 | 12 | 24 | 61,020 |
| 1100 | Stauben... | 4.09 | ..... | 54,341 20 | 31,751 99 | 7/ 7/14 | 100 | 12/ 8/15 | { 3.52 | 10-22 | 24-28 | 24,700 |
| | | | | | | | | | { 0.57 | 20-44 | 26-53 | 8,477 |
| 1105 | Albany... | 6.75 | ..... | 46,944 58 | 9,107 53 | 9/17/12 | 100 | 10/17/13 | 0.75 | 54 | 57 | 23,760 |
| 1106 | Broome... | 5.11 | ..... | 62,707 08 | 40,759 60 | 9/17/12 | 100 | 4/ 3/14 | 5.11 | 16 | 26 | 48,060 |
| 1107 | Oneida... | 0.22 | ..... | 3,306 36 | 2,149 13 | 7/28/13 | 100 | 12/17/13 | 0.22 | 16 | 32 | 2,165 |
| 1108 | St. Law... | 2.19 | ..... | 31,323 65 | 17,425 35 | 7/31/13 | 100 | 9/ 2/14 | 2.19 | 16-60 | 32-60 | 26,533 |
| 1109 | Wash... | 2.06 | ..... | 20,800 00 | 14,976 00 | 9/ 1/15 | 82 | ..... | { 1.86 | 19 | 24 | 15,269 |
| | | | | | | | | | { 0.20 | 14 | 24 | 1,633 |
| 1110 | Madison... | 3.05 | ..... | 32,430 52 | 22,701 36 | 11/ 1/15 | 100 | 3/ 6/18 | 3.05 | 14 | 26 | 21,287 |
| 1111 | Oneida... | 0.82 | ..... | 46,144 39 | 10,280 56 | 2/27/14 | 100 | 1/ 8/15 | 0.82 | 16-36 | 26-36 | 14,026 |
| 1112 | Colum... | 1.85 | ..... | 24,329 31 | 15,814 05 | 3/ 6/14 | 100 | 1/13/15 | { 0.30 | 14 | 26 | 2,489 |
| | | | | | | | | | { 1.55 | 14 | 26 | 12,696 |
| 1113 | Colum... | 5.80 | ..... | 57,989 85 | 37,693 40 | 3/11/14 | 100 | 11/30/14 | 2.92 | 14 | 24 | 23,626 |
| | | | | | | | | | { 2.87 | 14 | 24 | 23,909 |
| 1114 | Dutchess... | 3.02 | ..... | 46,276 21 | 30,079 54 | 8/ 1/14 | 100 | 1/13/15 | 3.02 | 16 | 30 | 28,301 |
| 1115 | Renss... | 2.57 | ..... | 41,609 19 | 24,690 28 | 8/30/13 | 100 | 1/27/15 | 2.57 | 14 | 26 | 20,120 |
| *1115A | Renss... | 1.91 | ..... | 30,575 18 | 19,873 87 | 6/30/14 | 100 | 6/28/15 | 1.91 | 14 | 26 | 15,647 |
| *1116A | Renss... | 3.74 | ..... | 68,997 49 | 42,014 62 | 9/ 2/13 | 100 | 2/20/15 | 3.74 | 14-40 | 23-40 | 37,229 |
| 1116 | Renss... | 6.10 | ..... | 93,000 00 | 32,550 00 | 7/11/16 | 51 | ..... | { 3.05 | 16 | 28 | 28,944 |
| 1117 | Saratoga... | 5.84 | ..... | 84,520 63 | 67,616 50 | 5/15/14 | 100 | 1/10/16 | 5.84 | 12 | 26 | 22,527 |
| 1118 | Warren... | ..... | ..... | 3,507 72 | 1,148 87 | 8/25/13 | ..... | ..... | { 1.71 | 14 | 26 | 48,520 |
| 1119 | Renss... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | { 0.90 | 22, 24 | 36, 38 | 11,862 |
| 1119A | Renss... | ..... | ..... | 77,694 14 | 20,971 26 | 6/29/14 | 100 | 12/12/14 | 0.30 | 30 | 30 | 5,688 |
| | | | | | | | | | 0.51 | 118-25 | 22-30 | 5,069 |

* See list by counties.

† Changed from original plans.

‡ Items combined and let in one contract.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAYMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|---------------|-----------------------------|-----------------------------|-----------------|--------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. | 6 | Li. | 3 | Sc. water | 0.737 | 13,690 | | Oiled | 1075 | |
| Fld. | 5 | Li. | 3 | Sc. water | 0.680 | 10,835 | | | 1076 | |
| Fld. | 5 | Li. | 3 | Sc. water | 0.609 | 9,350 | | | 1077 | |
| Sub. | 6 | Li. | 3 | Asp. | 1.018 | 16,840 | | | 1078* | |
| Sub. | 6 | Grv. | 3 | Sc. water | 0.854 | 15,300 | | | | |
| Fld. | 6 | Li. | 3 | Sc. water | 0.628 | 9,090 | | | 1079 | |
| Lo. St. | 3 | Lo. St. | 3 | Sc. water | 0.572 | 9,750 | | | 1080 | |
| Qrs. | 4 | Li. | 3 | Sc. water | 0.557 | 10,960 | | | 1081 | |
| S Con. (d) (10). | 5 | Br. (23, 26) | 4 | | 2.144 | 29,358 | | | 1082 | |
| Sub. | 6 | Grv. | 3 | Sc. water | 0.521 | 14,167 | | | | |
| S Con. (d) (9). | 5 | Br. (26) | 4 | | 2.250 | 36,971 | | | 1083 | |
| Grv. Con. (d) (14) | 5 | Br. (9) | 4 | | 1.873 | 24,304 | | | 1084* | |
| S Con. (d) (1). | 5 | Med. Blk. | 6 | | 2.741 | 40,566 | | | 1085 | |
| Grv. Con. (d) (14) | 5 | Br. (9) | 4 | | 1.848 | 22,381 | | | 1086 | |
| S Con. (d) (11). | 5 | Br. (23) | 4 | | 2.150 | 26,900 | | | 1087 | |
| Slag. | 5 | Li. | 3 | Sc. water | 0.873 | 14,910 | | | 1088 | |
| Sub. | 6 | Grn. Dol. | 3 | T. (17) | 0.974 | 12,720 | | | 1089 | |
| Sy. | 3 | Sy. | 3 | Asp. (7) | 0.912 | 14,270 | | | 1090 | |
| Sub. | 6 | Sy. | 3 | Asp. (7) | 0.952 | 14,650 | | | 1091* | |
| S Con. (d) (3, 5, 10) | 5 | Bitu. | 2 | | 2.317 | 29,505 | | | 1092 | |
| Grv. Con. (d) (3) | 5 | Br. (32) | 4 | | 2.035 | 29,312 | | | 1093 | |
| Grv. Con. (d) (13, 14) | 5 | Br. (10, 21) | 4 | | 1.909 | 30,441 | | | 1094 | |
| Grv. Con. (d) (8, 13) | 5 | Br. (10) | 4 | | 1.968 | 31,839 | | | 1095 | |
| Grv. Con. (d) (6, 13) | 5 | Br. (14, 22) | 4 | | 1.915 | 31,230 | | | 1096 | |
| Sc. Grv. Con. (d) | 5 | App. St. | 14 | Asp. (10) M M | 1.675 | 20,450 | | | 1097 | |
| Sub. | 6 | Grn. | 5 | T. () | 0.689 | 13,130 | | | 1098 | |
| Grn. | 6 | Grn. | 3 | Sc. water | 0.756 | 13,050 | | | 1099* | |
| Sub. | 6 | Li. | 3 | Sc. water | 0.821 | 12,460 | | | 1100 | |
| Sub. | 6 | Slag. | 3 | Sc. water | 0.784 | 12,100 | | | 1101 | |
| Grv. | 5 | Grv. | 3 | Li. Sc. water | 0.687 | 12,033 | | | 1102* | |
| Sc. Grv. Con. (d) (5) | 5 | Br. (22) | 4 | | 1.990 | 24,264 | | | 1104 | |
| S Con. (8, 9) | 5 | Bitu. | 2 | | 2.394 | 23,160 | | | 1105 | |
| Fld. | 6 | Set. | 3 | Asp. (10) | 0.863 | 12,260 | | | 1106 | |
| Li. | 3 | Li. | 3 | Asp. (3) | 0.950 | 15,030 | | Oiled | 1107 | |
| Set. & Grn. | 3 | Set. & Grn. | 3 | Asp. (7) | 0.961 | 11,300 | | | 1108 | |
| Qrs. | 4 | Qrs. | 3 | Sc. water | 0.630 | 10,810 | | | 1109 | |
| Sub. & Qrs. 4. | 10 | Qrs. | 3 | Sc. water | 0.863 | 13,000 | | | | |
| Sub. | 6 | Dol. | 3 | Sc. water | 0.710 | 11,410 | | | 1110 | |
| Sc. Grv. Con. (d) (10) | 5 | Bitu. | 2 | | 2.281 | 21,515 | | | 1111 | |
| Lo. St. | 5 | Qrs. | 3 | Sc. water | 0.630 | 12,944 | | | 1112 | |
| Sub. 6", Lo. St. 3" | 8 | Qrs. | 3 | Sc. water | 0.768 | 14,243 | | | | |
| Set. | 5 | Set. | 3 | Sc. water | 0.684 | 10,870 | | | 1113 | |
| Fld. 6", Li. 2" | 8 | Li. | 3 | Sc. water | 0.684 | 10,870 | | | | |
| Sub. | 6 | Qrs. | 3 | Asp. (1) | 0.943 | 13,030 | | | 1114 | |
| App. St. | 3 | App. St. | 3 | Sc. water | 0.850 | 24,170 | 1917 | 0.95 | 1115 | |
| Grv., Tr. | 10 | Tr., Li. | 3 | Sc. water | 1.207 | 17,450 | | F Con. | 1115A | |
| App. St. | Av. 4 | App. St. | 3 | Sc. water | 0.829 | 20,875 | | | 1116A | |
| App. St. | 4 1/2 | App. St. | 2 1/2 | Tr. HO. (10) | 0.943 | 14,830 | | | 1116 | |
| Sub. 5, App. St. 3 | 9 | pp. St. | 2 1/2 | T. | 1.164 | 16,910 | | | 1117 | |
| Gn. | 4 | Gn. | 3 | T. (17) | 0.937 | 15,576 | | | 1118 | |
| | | | | | 2,058 | | | | 1119 | |
| Sc. Grv. Con. (d) (3) | 6 | Grn. Blk. | 4 1/2 | Cem. Grout | 3.009 | 39,793 | | | 1119A | |
| Sc. Grv. Con. (d) (3) | 6 | Br. (23) | 4 | Cem. Grout | 2.403 | 22,557 | | | | |
| Tr. | 3 | Tr. | 3 | Asp. (2) | 1.196 | 22,778 | | | | |

APPENDIX A—COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Excess yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1119 | Renss... | 1.71 | | \$81,201 86 | \$22,120 13 | | | | 0.90 | 22-24 1/2 | 30-38 1/2 | 11,882 |
| 1119A | Renss... | | | | | | | | 0.30 | 30 | 30 | 5,668 |
| 1120 | Renss... | | | 17,029 26 | 5,004 73 | 6/18/15 | 100 | 12/20/15 | 0.51 0.35 | 18-25 18-30 | 22-30 22-30 | 6,663 5,066 |
| 1121 | Renss... | 1.65 | | 63,647 96 | 21,265 63 | 8/30/13 | 100 | 3/25/15 | 0.21 1.44 | 32 16-32 | 32 26-32 | 4,350 16,902 |
| 1122 | Renss... | 2.70 | | 28,754 18 | 18,690 22 | 8/25/13 | 100 | 6/18/14 | 2.70 | 14 | 24-26 | 22,142 |
| 1123 | Renss... | 0.51 | | 6,098 73 | 4,098 04 | 8/25/13 | 100 | 6/ 2/14 | 0.51 | 16 | 26 | 4,789 |
| 1124 | Renss... | 0.75 | | 18,746 82 | 12,185 43 | 9/ 6/13 | 100 | 11/ 4/14 | 0.75 | 16-20 | 24-32 | 7,135 |
| 1125 | St. Law. | 1.34 | | 16,235 18 | 11,682 13 | 9/10/13 | 100 | 9/ 2/14 | 1.34 | 16 | 32 | 11,631 |
| 1126 | St. Law. | 7.89 | | 74,948 97 | 53,315 26 | 4/ 4/14 | 100 | 12/20/15 | 7.23 | 12 | 26 | 50,000 |
| | | | | | | | | | 0.66 | 12 | 26 | 4,690 |
| | | | | | | | | | 0.21 | 39 | 30 | 3,667 |
| 1127 | Fulton... | 1.73 | | 36,535 05 | 14,785 91 | 9/22/13 | 100 | 12/15/14 | 1.19 | 16 | 26 | 11,203 |
| | | | | | | | | | 0.33 | 16 | 26 | 3,159 |
| 1128 | Schuy... | 1.04 | | 13,633 13 | 10,906 50 | 9/10/13 | 100 | 9/12/14 | 1.04 | 14 | 24 | 8,537 |
| 1129 | Jeffers... | 2.45 | | 33,496 23 | 21,772 55 | 8/28/13 | 100 | 12/ 7/14 | 2.45 | 14 | 28 | 20,190 |
| 1130 | Jeffers... | 0.36 | | 5,721 95 | 3,329 27 | 8/28/13 | 100 | 12/29/13 | 0.36 | 12-16 | 21-28 | 3,896 |
| 1131 | Jeffers... | 2.46 | | 25,505 59 | 16,578 63 | 8/26/13 | 100 | 10/29/14 | 2.46 | 12-14 | 24 | 18,697 |
| 1132 | Jeffers... | 2.29 | | 25,552 09 | 16,608 86 | 8/23/13 | 100 | 10/ 5/14 | 2.29 | 12 | 26 | 16,147 |
| 1133 | Jeffers... | 4.72 | | 53,031 19 | 34,470 27 | 9/ 2/18 | 100 | 11/29/14 | 4.72 | 14 | 28 | 36,726 |
| 1134 | Jeffers... | 0.99 | | 51,716 21 | 16,185 06 | 8/22/18 | 100 | 11/ 4/14 | 0.99 | 16-30 | 26-30 | 15,295 |
| 1135 | Niagara... | 1.49 | | 14,999 87 | 9,769 91 | 9/30/13 | 100 | 12/23/14 | 0.79 | 16 | 32 | 7,467 |
| | | | | | | | | | 0.60 | 16 | 32 | 6,602 |
| | | | | | | | | | 0.09 | 16 | 30 | 8,434 |
| 1136 | Gowego... | 0.90 | | 13,307 80 | 9,069 30 | 7/29/14 | 100 | 12/18/14 | 0.08 | 31, 34 | 45 | 590 |
| 1137 | Gowego... | 1.43 | | 30,324 07 | 10,162 03 | 2/19/14 | 100 | 12/ 8/14 | 0.36 | 14 | 28 | 2,024 |
| | | | | | | | | | 0.99 | 14 | 28 | 8,124 |
| 1138 | Gowego... | 10.65 | | 18,390 97 | 12,437 86 | 9/29/13 | 100 | 12/12/14 | 0.65 | 16 | 30 | 6,136 |
| 1139 | Ontario... | 1.38 | | 16,995 40 | 11,067 01 | 5/27/15 | 100 | 12/15/15 | 1.38 | 16 | 32 | 12,884 |
| 1140 | Mont... | 1.87 | | 104,573 91 | 21,678 40 | 9/29/13 | 100 | 10/29/14 | 1.87 | 30-44 1/2 | 30-44 1/2 | 35,295 |
| 1141 | Oneida... | 3.37 | | 46,220 09 | 30,063 06 | 2/24/14 | 100 | 12/23/14 | 3.37 | 16 | 26-28 | 31,573 |
| 1142 | Wayne... | 0.73 | | 11,368 88 | 7,265 77 | 10/ 2/13 | 100 | 11/17/14 | 0.73 | 16 | 32 | 6,832 |
| 1143 | Saratoga... | 1.30 | | 21,195 09 | 12,290 00 | 3/ 9/14 | 100 | 8/25/14 | 1.30 | 16-27 | 24-32 | 14,335 |
| 1144 | Oneida... | 3.61 | | 60,976 58 | 33,102 28 | 2/20/14 | 100 | 11/17/14 | 2.61 | 16 | 26 | 33,862 |
| 1145 | Oneida... | 0.76 | | 28,614 38 | 14,307 19 | 12/14/14 | 100 | 12/28/15 | 0.18 | 16 | 30 | 1,676 |
| | | | | | | | | | 0.58 | 16 | 30 | 5,567 |
| 1146 | Albany... | 0.18 | | 14,030 38 | 2,875 08 | 4/10/14 | 100 | 11/18/14 | 0.18 | 37 | 37 | 3,795 |
| 1147 | Otsego... | 0.30 | | 3,167 42 | 2,407 24 | 1/30/14 | 100 | 7/20/14 | 0.30 | 16 | 28 | 1,858 |
| 1148 | Jeffers... | 8.92 | | 72,518 29 | 47,186 89 | 4/ 3/14 | 100 | 12/ 8/15 | 3.94 | 14-16 | 25-32 | 34,160 |
| | | | | | | | | | 4.98 | 14 | 25-32 | 40,998 |
| 1149 | Jeffers... | 1.60 | | 30,684 40 | 13,444 86 | 5/13/14 | 100 | 12/26/14 | 1.60 | 12-16 | 26 | 13,788 |
| 1150 | Jeffers... | 1.13 | | 12,635 60 | 8,161 64 | 5/13/14 | 100 | 12/30/14 | 0.20 | 12 | 26 | 1,385 |
| | | | | | | | | | 0.93 | 12-16 | 26 | 7,898 |
| | | | | | | | | | 0.22 | 16 | 28 | 2,120 |
| 1151 | Jeffers... | 6.23 | | 63,276 17 | 60,638 86 | 5/15/14 | 100 | 12/28/14 | 2.42 | 12-16 | 24-28 | 10,675 |
| | | | | | | | | | 5.59 | 12-16 | 26, 28 | 41,830 |
| 1152 | Colum... | 1.18 | | 14,768 34 | 9,592 92 | 12/14/14 | 100 | 2/16/16 | 0.93 | 12 | 24-22 | 6,540 |
| | | | | | | | | | 0.25 | 12 | 22-24 | 1,783 |
| 1153 | Niagara... | 1.27 | | 70,651 42 | 15,177 64 | 9/ 2/15 | 100 | 11/ 8/16 | 0.30 | 10-47 | 19-47 | 6,156 |
| | | | | | | | | | 0.97 | 30-70 | 30-70 | 21,691 |
| 1154 | Renss... | 0.88 | | 10,030 83 | 6,520 04 | 6/18/15 | 100 | 2/ 8/16 | 0.88 | 14 | 26 | 7,307 |
| | | | | | | | | | 2.18 | 16 | 28 | 20,451 |
| 1155 | Wyom... | 2.70 | | 60,791 46 | 28,870 38 | 3/ 6/14 | 100 | 12/31/14 | 0.61 | 28-75 | 28-75 | 12,715 |
| 1156 | Oneida... | 0.82 | | 16,604 02 | 6,604 43 | 7/20/16 | 100 | 9/28/17 | 0.82 | 16-22 | 26-30 | 8,494 |
| 1157 | Oneida... | 13.72 | | 134,754 54 | 87,560 46 | 10/16/14 | 100 | 4/13/17 | 10.74 | 16 | 26 | 100,778 |
| | | | | | | | | | 2.68 | 16 | 28 | 27,974 |
| 1158 | Oneida... | 6.68 | | 54,584 78 | 35,490 11 | 4/16/15 | 100 | 11/14/16 | 6.68 | 16 | 28 | 62,686 |
| 1159 | Oneida... | 7.76 | | 93,697 54 | 60,903 40 | 6/12/15 | 100 | 1/ 9/15 | 7.76 | 16 | 28 | 72,942 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued).

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERMANENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|--------------|-----------------------------|-----------------------------|--------------------|-------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 10'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Se. Grv. Con. (d) | | | | | | | | | | |
| (3) | 6 | Grn. Blk. | 4½ | Conn. Grout. | 3.000 | 41,559 | | | 1119 | |
| Se. Grv. Con. (d) | | | | | | | | | 1119A | |
| (3) | 6 | Br. (23) | 4 | Conn. Grout. | 2.403 | 35,871 | | | | |
| Tr. | 3 | Tr. | 3 | Asp. (2) | 1.156 | 24,541 | | | | |
| Se. Grv. Con. (d) | | | | | | | | | 1120 | |
| (5) | 5 | Br. (32) | 4 | | 2.047 | 30,845 | | | | |
| Se. Grv. Con. | | | | | | | | | 1121 | |
| (d) (10) | 5 | Grn. Blk. | 4½ | | 2.691 | 35,052 | | | | |
| Se. Grv. Con. | | | | | | | | | | |
| (d) (10) | 5 | Br. (32) | 4 | | 2.064 | 29,443 | | | | |
| Sub. | 6 | Sett. | 3 | H.O. (10) | 0.595 | 11,411 | | | 1122 | |
| App. St. | 3 | App. St. | 3 | Ben. (1) | 0.935 | 13,132 | | | 1123 | |
| Grv. Con. (h) (16) | 5 | Br. (4) (32) | 4 | | 1.760 | 22,770 | | | 1124 | |
| Sub. | 6 | App. St. | 3 | Asp. (2) | 0.702 | 12,763 | | | 1125 | |
| Gn. | 6 | Gn. | 3 | Sc. water. | 0.432 | 10,800 | | | 1126 | |
| Gn. | 3 | Gn. | 3 | Sc. water. | 0.702 | 11,550 | | | | |
| Se. Con. (d) (16) | | | | | 2.961 | 34,103 | | | | |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 1.067 | 16,030 | | | 1127 | |
| Sub. | 6 | App. St. | 3 | Asp. (10) | 1.069 | 15,450 | | | | |
| App. St. | 6 | Li. | 3 | Asp. (7) | 1.033 | 14,451 | | | 1128 | |
| Sub. | 6 | Grn. | 3 | Asp. (2) | 1.044 | 14,705 | | | 1129 | |
| Li. | 3 | Li. | 3 | Asp. (11) | 1.014 | 13,995 | | | 1130 | |
| Flt. | 6 | Li. | 3 | Asp. (10) | 0.886 | 11,920 | | | 1131 | |
| Sub. | 6 | Gn. | 3 | Asp. (10) | 1.068 | 13,630 | | | 1132 | |
| Se. Con. (d) (5) | | | | | 0.864 | 12,025 | | | 1133 | |
| Li. | 3 | App. St. | 3 | Asp. (7) | 2.461 | 35,755 | | | 1134 | |
| Sub. 6", Li. 3" | 9 | App. St. | 3 | Asp. (7) | 0.715 | 9,560 | | | 1135 | |
| Li. | 4 | Li. | 3 | Asp. (10) | 0.869 | 11,290 | | | | |
| Se. Con. (d) (13) | | | | | 1.062 | 14,650 | | | 1136 | |
| Flt. Li. | 4 | Sett. | 3 | Asp. (7, 10) | 2.194 | 25,090 | | | | |
| Flt. Li. | 6 | Sett. | 3 | Asp. (7, 10) | 0.977 | 13,660 | | | 1137 | |
| Grv. Con. (g) | | | | | 1.193 | 15,690 | | | | |
| (5, 10) | 5 | Br. (17) | 4 | | 2.007 | 27,835 | | | 1138 | |
| Grv. | 6 | Li. | 3 | Asp. (10) | 0.803 | 10,284 | | | 1139 | |
| Se. Con. (d) (8) | | | | | | | | | | |
| 34) | 4 | | 4 | | 2.083 | 36,000 | | | 1140 | |
| Sub. | 6 | Li. | 3 | Asp. (7) | 0.942 | 13,670 | | | 1141 | |
| Grv. Con. | | | | | | | | | | |
| (d) (6) | 6 | | 6 | | 0.840 | 15,245 | | | 1142 | |
| F. Con. (10) | | | | | 1.027 | 14,440 | | | 1143 | |
| Sub. | 6 | Grn. | 3 | Asp. (17) | 0.848 | 14,090 | | | 1144 | |
| Li. | 4 | Li. | 3 | Asp. (7) | 1.181 | 19,150 | | | 1145 | |
| Se. Con. (d) (12) | | | | | 3.381 | 39,800 | | | | |
| Se. Con. (10) | | | | | 2.819 | 46,000 | | | 1146 | |
| App. St. | 4 | App. St. | 3 | Sc. water. | 0.966 | 15,000 | | | 1147 | |
| Li. | 3 | Li. | 3 | Sc. water. | 0.603 | 8,590 | | | 1148 | |
| Sub. | 6 | Li. | 3 | Sc. water. | 0.624 | 8,790 | | | | |
| Flt. | 6 | Li. | 3 | Asp. (11) | 1.036 | 13,520 | | | 1149 | |
| Flt. | 6 | Li. | 3 | Asp. (11) | 1.026 | 13,520 | | | 1150 | |
| Li. | 3 | Li. | 3 | Asp. (11) | 0.859 | 11,950 | | | | |
| Se. Con. (5, 16) | | | | | 2.911 | 30,955 | | | | |
| Lo. St. | 3 | Grn. & Set. | 3 | Asp. (7) | 0.885 | 11,940 | | | 1151 | |
| Flt. | 6 | Grn. & Set. | 3 | Asp. (7) | 0.968 | 12,720 | | | | |
| Sub. 5, Flt. 2" | 7 | Dol. | 2 | Sc. water. | 0.612 | 14,375 | | | 1152 | |
| Dol. | 5 | Dol. | 2 | Sc. water. | 0.632 | 14,560 | | | | |
| Se. Con. (d) (1, 2, 9) | | | | | 2.903 | 34,220 | | | 1153 | |
| Se. Con. (d) (1, 2, 9) | | | | | 2.063 | 26,240 | | | | |
| Set. | 4 | Set. | 2 | Asp. (10) | 0.826 | 12,295 | | | 1154 | |
| Grv. | 5 | App. St. | 3 | Asp. (7) | 0.952 | 13,444 | | | 1155 | |
| Se. Grv. Con. | | | | | | | | | | |
| (d) (1, 5) | 5 | Br. (13) | 4 | | 1.994 | 23,127 | | | | |
| Lo. St. | 4 | Li. | 3 | Asp. | 0.890 | 17,415 | | | 1156 | |
| Sub. | 6 | Set. Li. | 3 | Sc. water. | 0.711 | 9,550 | | | 1157 | |
| Sub. | 6 | Set. Li. | 3 | Sc. water. | 0.691 | 9,820 | | | | |
| Sub. | 6 | Lo. St. | 3 | Sc. water. | 0.504 | 8,070 | | | 1158 | |
| Sub. | 6 | Li. | 3 | Sc. water. | 0.849 | 11,950 | | | 1159 | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1109 | Madison | 4.90 | | \$48,778 65 | \$34,145 05 | 6/29/14 | 100 | 1/ 4/16 | 4.95 | 12-16 | 26 | 26,628 |
| 1161 | Broome | 0.41 | | 27,064 16 | 6,010 97 | 10/19/14 | 100 | 6/16/16 | 0.41 | 14 | 40 | 9,913 |
| 1162 | Dutchess | 5.16 | | | | 9/ 1/15 | 100 | 10/17/18 | 0.61 | 14 | 26 | 5,040 |
| | | | | | | | | | 4.55 | 14 | 26 | 37,403 |
| 1163 | Dutchess | | 6.13 | 116,700 00 | 75,855 00 | 9/ 2/15 | 88 | 10/17/18 | 6.18 | 14 | 26 | 50,811 |
| | | | | | | | | | 5.08 | 14, 16 | 23-32 | 41,575 |
| | | | | | | | | | 0.13 | 16 | | 1,253 |
| 1164 | Jeffers... | 9.11 | | 69,994 97 | 45,496 73 | 5/14/14 | 100 | 9/11/15 | 0.40 | 14, 16 | 26, 32 | 29,771 |
| | | | | | | | | | 0.54 | 14 | 26 | 4,395 |
| | | | | | | | | | 0.08 | 16 | 30 | 744 |
| 1165 | Jeffers... | 3.53 | | 47,508 83 | 30,880 74 | 8/19/14 | 100 | 3/ 8/16 | 2.95 | 14-36 | 30-26 | 25,038 |
| | | | | | | | | | 0.50 | 14 | | 4,115 |
| 1166 | Jeffers... | 0.78 | | 9,166 65 | 5,958 32 | 8/19/14 | 100 | 11/30/14 | 0.30 | 12 | 28 | 2,143 |
| | | | | | | | | | 0.48 | 16 | 28 | 4,457 |
| 1167 | West.... | 1.28 | | 31,076 77 | 20,199 90 | 4/ 2/14 | 100 | 4/ 3/15 | 1.28 | 16 | 28 | 12,040 |
| 1168 | St. Law. | 6.43 | | 66,355 23 | 47,775 76 | 4/ 2/14 | 100 | 11/ 4/14 | 5.99 | 12-16 | 26-32 | 43,750 |
| | | | | | | | | | 0.44 | 16 | 32 | 3,068 |
| 1169 | Chautau | 0.61 | | 16,327 41 | 10,612 82 | 4/ 3/14 | 100 | 11/17/14 | 0.61 | 16 | 32 | 5,757 |
| 1170 | Cattaraugus | 0.44 | | 6,937 89 | 4,995 28 | 1/11/15 | 100 | 9/ 2/15 | 0.44 | 16 | 32 | 4,139 |
| 1171 | Chen.... | | 7.12 | 92,300 00 | 45,750 00 | 2/23/17 | 22 | | 7.12 | 12-30 | 24-38 | 50,753 |
| 1172 | Schenec. | 2.15 | | 33,068 28 | 17,210 16 | 5/21/14 | 100 | 1/ 8/15 | 0.44 | 16-30 | 28-30 | 5,867 |
| | | | | | | | | | 1.71 | 14-17 | 24 | 13,377 |
| 1173 | Cayuga | 9.62 | | 103,845 94 | 67,289 36 | 5/16/14 | 100 | 12/ 8/15 | 5.59 | 14 | 26 | 45,910 |
| | | | | | | | | | 4.03 | 14 | 30 | 33,133 |
| | | | | | | | | | 5.41 | 14-40 | 26-40 | 45,026 |
| 1174 | Cayuga | 5.51 | | 76,912 42 | 49,391 62 | 5/13/14 | 100 | 12/22/15 | 0.10 | 12 | 28 | 700 |
| | | | | | | | | | | 4 | | 233 |
| 1175 | Cayuga | 1.82 | | 33,258 77 | 21,618 20 | 6/30/14 | 100 | 6/21/15 | 1.82 | 14-16 | 26-40 | 15,162 |
| 1176 | Essex... | 4.67 | | 66,753 50 | 54,737 87 | 5/22/14 | 100 | 11/18/15 | 4.67 | 14-16 | 24 | 39,426 |
| 1177 | Essex... | 5.34 | | 56,217 59 | 46,094 59 | 4/15/15 | 100 | 1/10/16 | 5.34 | 14 | 24 | 43,616 |
| 1178 | Essex... | 3.83 | | 47,115 69 | 33,634 87 | 5/14/14 | 100 | 1/ 7/15 | 3.83 | 14 | 24 | 31,500 |
| 1179 | Franklin | 3.49 | | 37,715 55 | 30,172 44 | 5/15/14 | 100 | 12/17/14 | 3.49 | 14 | 26 | 28,522 |
| 1180 | Franklin | 4.09 | | 51,122 75 | 40,898 20 | 5/15/14 | 100 | 8/10/15 | 4.09 | 12 | 24-26 | 28,781 |
| 1181 | Jeffers... | 0.67 | | 7,968 46 | 5,140 50 | 8/19/14 | 100 | 11/30/14 | 0.67 | 16 | 28 | 4,306 |
| | | | | | | | | | 0.18 | 16 | 28 | 1,956 |
| | | | | | | | | | 4.98 | 14, 16 | 26, 32 | 41,903 |
| 1182 | Jeffers... | 8.36 | | 78,015 56 | 46,693 10 | 6/12/14 | 100 | 2/ 8/16 | 2.54 | 14 | 26 | 20,875 |
| | | | | | | | | | 0.20 | 16-40 | 32-40 | 2,915 |
| | | | | | | | | | 0.64 | 16 | 32 | 6,053 |
| 1183 | Saratoga | 1.16 | | 12,823 06 | 8,334 99 | 6/10/14 | 100 | 12/29/14 | 1.16 | 14 | 24-26 | 9,579 |
| 1184 | Albany... | 1.77 | | 18,489 30 | 12,018 04 | 5/11/14 | 100 | 10/27/14 | 1.77 | 16 | 24 | 16,639 |
| 1185 | Wayne... | 4.17 | | 48,683 26 | 30,303 12 | 5/28/14 | 100 | 1/ 4/15 | 4.17 | 14-42 | 24-50 | 36,980 |
| | | | | | | | | | 0.92 | 16 | 28 | 8,792 |
| 1186 | Ulster... | 1.13 | | 18,829 09 | 12,238 91 | 5/15/14 | 100 | 12/15/15 | | | | |
| | | | | | | | | | 0.21 | 16 | 28 | 2,005 |
| | | | | | | | | | 2.88 | 10-16 | 26 | 17,226 |
| 1187 | Monroe... | 3.85 | | 23,181 90 | 15,068 24 | 6/17/14 | 100 | 9/15/15 | | 6 | | 9,781 |
| | | | | | | | | | 0.97 | 10 | 26 | 5,700 |
| | | | | | | | | | | 6 | | 3,420 |
| 1188 | Tomp... | 2.77 | | 51,193 08 | 29,089 40 | 6/10/14 | 100 | 1/ 4/15 | 0.39 | 16-50 | 16-50 | 11,096 |
| | | | | | | | | | 2.38 | 14 | 24 | 19,532 |
| 1189 | Tomp... | 6.34 | | | | 10/19/14 | 100 | 10/19/18 | 4.98 | 12 | 22 | 35,067 |
| | | | | | | | | | 1.36 | 12 | 22 | 9,600 |
| 1190 | Schuyler | 1.15 | | 11,770 89 | 9,416 71 | 6/10/14 | 100 | 2/15/15 | 1.11 | 12 | 24 | 7,836 |
| | | | | | | | | | 0.04 | 12 | 24 | 255 |
| 1191 | Lewis... | 6.36 | | 68,910 86 | 57,883 86 | 6/25/14 | 100 | 11/20/15 | 6.36 | 12 | 26 | 44,761 |
| 1192 | Lewis... | 5.71 | | 68,398 56 | 57,454 79 | 6/29/14 | 100 | 10/20/15 | 5.66 | 12-16 | 26 | 40,844 |
| | | | | | | | | | 0.05 | 12 | 26 | 446 |
| | | | | | | | | | 2.13 | 12 | 26 | 15,661 |
| 1193 | Lewis... | 9.17 | | 104,915 20 | 88,126 88 | 6/29/14 | 100 | 12/26/16 | 0.31 | 16 | 26 | 2,961 |
| | | | | | | | | | 0.17 | 12 | 26 | 1,196 |
| | | | | | | | | | 6.56 | 12-16 | 26 | 46,551 |
| 1194 | Rens... | 0.39 | | 5,053 71 | 2,976 85 | 6/27/14 | 100 | 11/ 8/14 | 0.39 | 16 | 26 | 3,699 |
| 1195 | Chem... | 1.14 | | 36,468 56 | 15,726 04 | 6/27/14 | 100 | 8/17/15 | 1.14 | 16-30 | 26-80 | 12,010 |
| 1196 | Ontario | 1.89 | | 16,833 66 | 10,941 88 | 6/30/14 | 100 | 8/24/15 | 1.89 | 14 | 28 | 15,489 |
| 1197 | Jeffers... | 1.81 | | 19,303 09 | 12,547 01 | 7/23/14 | 100 | 1/ 4/15 | 0.97 | 16 | 32 | 9,064 |
| | | | | | | | | | 0.84 | 12, 16 | 26, 32 | 6,203 |

* See list by counties.

† See Highway No. 1166.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|----------------|------------|------------------|-----------------------------|-----------------------------|------------------|-------|-------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-30' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub | | 6 Set | 3 | Sc., water | 0.729 | 11,290 | | | | 1160 |
| Grv Con. (d) (3) | 3 | Br. (17) | 4 | | 1.707 | 27,640 | | | | 1161 |
| Grv S. App. St. 2' | 10 | App. St. | 3 | Sc., water | | | | | | 1162 |
| App. St. | 5 | App. St. | 3 | Sc., water | | | | | | |
| App. St. | 10 | App. St. | 3 | Sc., water | 0.818 | 18,680 | | | | 1163 |
| Sub | 6 | Li. | 3 | Sc., water | 0.582 | 8,270 | | | | |
| Old Mac. | Li. | 3 | Sc., water | 0.310 | | | | | | 1164 |
| Li. | 3 | Li. | 3 | Sc., water | 0.550 | 7,970 | | | | |
| Li. | 5 | Li. | 3 | Sc., water | 6.720 | 9,530 | | | | |
| S. Con. (3, 16) | 6 | Br. (18) | 4 | | 2.433 | 29,470 | | | | |
| S. Grn. | 3 | Sy. Grn. | 3 | Asp. (10) | 0.855 | 13,660 | | | | 1165 |
| Sub | 6 | Sy. Grn. | 3 | Asp. (10) | 0.900 | 14,040 | | | | |
| App. S. | 3 | App. St. | 3 | Asp. (10) | 0.973 | 12,470 | | | | 1166 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.986 | 12,595 | | | | |
| S. Con. (d) (10) | 5 | Asp. Blk. | 2 | | 1.990 | 24,245 | | | | 1167 |
| Sub | 6 | Gn. | 3 | Sc., water | 0.650 | 11,230 | | | Oiled | 1168 |
| Sub | 6 | Gn. | 3 | A. p. (7) | 1.047 | 14,900 | | | | |
| S. Con. (d) (1, 16) | 6 | Br. (15) | 4 | | 1.890 | 28,145 | | | | 1169 |
| Sub | 6 | F. Con. (5) | 6 | | 1.143 | 15,458 | | | | 1170 |
| S. Con. (d) (2, 5) | 6 | Li. | 3 | Sc., water | 0.981 | 15,360 | | | | 1171 |
| Sub | 6 | App. St. | 2 | Asp. (15) M.M. 2 | 1.525 | 18,839 | | | | 1172 |
| Sub | 6 | F. Con. | 6 | | 1.171 | 14,918 | | | | |
| Sub | 5 | App. St. | 23 | | 0.902 | 11,325 | | | | 1173 |
| Sub | 9 | App. St. | 23 | | 1.040 | 12,615 | | | | |
| Sub | 9 | Li. | 3 | Sc., water | 0.956 | 14,520 | | | | 1174 |
| Sub | 5 | St. Blk. | 5 | | 3.148 | 35,100 | | | | |
| S. & 6" Li. 3" | 4 | App. St. | 3 | Sc., water | 0.742 | 12,515 | | | | |
| Dol. Sy. | 9 | Li. | 23 | Asp. (10) | 1.346 | 19,445 | | | | 1175 |
| Gab. | 4 | Dol. Sy. | 3 | Asp. (11) | 0.921 | 17,525 | | | | 1176 |
| Gab. | 3 | Gab. | 3 | Asp. (10) | 0.788 | 13,672 | | | | 1177 |
| Sub | 3 | Gn. | 3 | Asp. (10, 11) | 0.837 | 13,487 | | | | 1178 |
| Sub | 6 | Gn. | 3 | Asp. (7) | 0.971 | 11,946 | | | | 1179 |
| Sub | 6 | Gn. | 3 | Asp. (10) | 1.020 | 15,170 | | | | 1180 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.973 | 12,470 | | | | 1181 |
| Li. | 3 | App. St. | 3 | Asp. (10) | 0.895 | 9,860 | | | | |
| Sub | 3 | Li. | 3 | Sc., water | 0.555 | 8,240 | | | | |
| S. Con. (16) | 6 | Li. | 3 | Sc., water | 0.638 | 9,030 | | | | |
| Sub | 6 | Br. (17) | 4 | | 2.633 | 27,750 | | | | 1182 |
| Sub | 6 | F. Co. (1, 16) | 6 | | 1.167 | 13,980 | | | | |
| Sub | 4 | Imp. St. | 3 | Asp. (10) | 0.900 | 12,148 | | | | 1183 |
| Sub | 4 | Li. | 3 | Sc., water | 0.731 | 10,555 | | | Oiled | 1184 |
| Sub | 9 | App. St. | 3 | Asp. (10) | 0.909 | 12,130 | | | | 1185 |
| Sub | 10 | Set | 3 | Asp. (10) | 1.080 | 16,401 | | | | 1186 |
| Sub | 5 | Set | 3 | Asp. (10) | 1.020 | 15,838 | | | | |
| Sub | 6 | Grv. | 3 | Sc., water | 0.834 | 6,290 | | | | 1187 |
| Sub | 6 | Grv. | 3 | Sc., water | 0.158 | | | | Oiled | |
| Sub | 6 | App. St. | 3 | Sc., water | 0.466 | 7,594 | | | | |
| Sub | 6 | App. St. | 3 | Sc., water | 0.290 | | | | | |
| Sub | 5 | Br. (2) | 4 | | 1.905 | 23,830 | | | | 1188 |
| Sub | 6 | Li. | 3 | Sc., water | 0.676 | 12,290 | | | Oiled | 1189 |
| Sub | 6 | Li. | 3 | Sc., water | | | | | | |
| Sub | 10 | Li. | 3 | Sc., water | 0.673 | 12,117 | | | Oiled | 1190 |
| Sub | 6 | Li. | 3 | Sc., water | 0.235 | 7,997 | | | | |
| Sub | 6 | Sy. & Gn. | 3 | Asp. (10) | 0.866 | 12,890 | | | | 1191 |
| Sub | 6 | F. Con. (a) | 6 | (1) (10) | 0.983 | 13,650 | | | | 1192 |
| Sub | 5 | Br. (17) | 4 | | 2.672 | 29,500 | | | | |
| Sub | 6 | F. Con. (10) | 6 | | 1.108 | 14,705 | | | | 1193 |
| Sub | 6 | F. Con. (10) | 6 | | 1.108 | 14,705 | | | | |
| Sub | 6 | Br. (17) | 4 | | 2.672 | 29,385 | | | | |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.864 | 12,415 | | | | 1194 |
| Sub | 4 | App. St. | 3 | Sc., water | 0.930 | 15,180 | | | | 1195 |
| Sub | 5 | Br. (14, 22) | 4 | HO (10) | 1.957 | 29,805 | | | | 1196 |
| Sub | 12 | Imp. Li. | 3 | Sc., water | 0.870 | 9,670 | | | Oiled | 1197 |
| Sub | 3 | Gn. | 3 | Asp. (10) | 0.838 | 11,275 | | | | |
| Sub | 6 | Gn. | 3 | Asp. (10) | 0.875 | 11,615 | | | | 1198 |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|--------------------|------------------|---------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1198 | Albany.. | 1.25 | ..... | ..... | ..... | 7/ 9/14 | 100 | 11/23/18 | 0.49 0.63 | 16 16 1/2 | 26 | 4,980 6,028 |
| 1199 | Albany.. | 1.03 | ..... | 30,238 51 | 15,114 25 | 7/10/14 | 100 | 3/ 5/16 | 0.14 1.03 | 14 16 | 22 | 1,020 9,852 |
| 1200 | Steuben. | 3.38 | ..... | 45,916 26 | 31,223 08 | 10/21/14 | 100 | 11/13/15 | 3.38 | 10-14 | 24 | 25,726 |
| 1201 | Nassau.. | 0.63 | ..... | 8,225 56 | 5,346 61 | 10/16/14 | 100 | 12/ 3/15 | 0.45 0.18 | 16 16 | 30 | 4,416 1,744 |
| 1202 | Nassau.. | 4.39 | ..... | 40,330 59 | 32,064 88 | 7/ 9/14 | 100 | 5/ 5/16 | 4.39 | 16 1/2 | 30 | 41,868 |
| 1203 | Nassau.. | 1.56 | ..... | 21,523 40 | 13,990 21 | 7/ 9/14 | 100 | 12/17/15 | 1.56 | 16 | 28 | 15,430 |
| 1204 | Clinton. | 0.80 | ..... | 9,762 56 | 4,876 25 | 7/14/14 | 100 | 1/ 4/15 | 0.80 | 16 | 32 | 7,538 |
| 1205 | Yates.. | 5.18 | ..... | 57,778 32 | 39,289 26 | 7/29/14 | 100 | 11/13/15 | 5.18 | 12-16 | 26-30 | 37,659 |
| 1206 | Suffolk.. | 1.66 | ..... | 24,744 20 | 16,083 73 | 7/31/14 | 100 | 4/12/15 | 1.56 | 16 | 32 | 14,960 |
| 1207 | West.... | 1.28 | ..... | 35,434 56 | 22,564 76 | 7/29/14 | 100 | 9/30/15 | 1.28 | 16-25 | 23-37 | 12,165 |
| *1208 | Suffolk.. | ..... | 9.57 | 145,600 96 | 94,640 00 | 7/29/14 | 30 | ..... | 9.57 | 16 | 32 | 89,820 |
| 1209 | Onondaga | 0.27 | ..... | 15,148 61 | 3,563 89 | 7/17/15 | 100 | 8/30/16 | 0.27 | 33 1/2 | 35 | 2,779 |
| 1210 | Yates.. | 6.00 | ..... | 78,650 90 | 39,816 96 | 10/19/14 | 100 | 1/10/16 | 0.47 5.53 | 27-38 12-14 | 36 | 8,798 43,681 |
| 1211 | Seneca.. | 1.43 | ..... | 76,617 58 | 22,669 59 | 10/19/14 | 100 | 1/10/16 | 1.16 0.27 | 16-50 16 | 32 | 26,880 2,512 |
| 1211A | Seneca.. | 0.05 | ..... | 3,965 13 | 1,136 16 | 3/ 1/17 | 100 | 9/26/17 | 0.05 | 30-34 | 30-34 | 950 |
| 1212 | Erie.... | 5.40 | ..... | 137,366 43 | 89,288 50 | 11/ 2/12 | 100 | 1/25/16 | 5.40 | 16-34 | 38-60 | 50,885 |
| 1213 | Erie.... | 0.22 | ..... | 91,434 26 | 59,432 27 | 11/ 5/14 | 100 | 7/20/16 | 6.22 | 16 | 32 | 58,484 |
| 1214 | Erie.... | 5.89 | ..... | 94,896 02 | 61,663 71 | 11/ 2/14 | 100 | 9/20/17 | 5.89 | 16, 24 | 32 | 55,384 |
| 1215 | Scho.... | 4.16 | ..... | 36,810 34 | 29,448 27 | 11/ 4/14 | 100 | 10/19/16 | 4.16 | 12-16 | 24-26 | 31,399 |
| 1216 | Madison | 1.86 | ..... | 14,618 98 | 10,233 28 | 11/ 4/14 | 100 | 12/30/15 | 1.86 | 16 | 28 | 17,427 |
| 1217 | Madison | 3.18 | ..... | 27,109 32 | 18,976 52 | 11/ 4/14 | 100 | 8/17/16 | 3.18 | 12-16 | 26 | 22,358 |
| 1218 | Suffolk.. | 1.27 | ..... | 13,785 15 | 8,960 35 | 12/14/14 | 100 | 1/25/16 | 1.27 | 16 | 30 | 12,307 |
| 1219 | Suffolk.. | 4.69 | ..... | 44,676 32 | 29,039 61 | 12/14/14 | 100 | 1/25/16 | 4.69 | 16 | 21-32 | 44,112 |
| 1220 | Albany.. | 6.69 | ..... | 70,417 84 | 45,771 60 | 12/14/14 | 100 | 12/18/16 | 6.69 | 16 | 26 | 62,828 |
| 1221 | Putnam.. | 2.55 | ..... | 43,317 61 | 28,156 38 | 1/ 8/15 | 100 | 6/25/17 | 0.72 1.53 0.09 | 14 14 16 | 28 | 5,905 15,063 794 |
| 1222 | Frank... | 0.22 | ..... | 4,282 97 | 3,426 37 | 3/29/15 | 100 | 7/24/15 | 0.13 | 14-16 | 26-32 | 1,226 |
| 1223 | Wash.... | 5.97 | ..... | 67,942 43 | 48,918 55 | 5/24/15 | 100 | 7/27/17 | 5.97 | 14 | 24 | 49,138 |
| 1224 | Wash.... | 5.54 | ..... | 43,778 92 | 31,520 82 | 1/ 8/15 | 100 | 1/10/16 | 0.22 5.32 | 14 14-16 | 26 | 1,760 44,310 |
| 1225 | Jeffers.. | 2.86 | ..... | 21,097 18 | 13,713 17 | 7/16/15 | 100 | 10/19/16 | 2.86 | 9 | 21 | 15,111 |
| 1226 | Jeffers.. | 2.40 | ..... | 17,367 85 | 11,288 45 | 7/16/15 | 100 | 10/19/16 | 2.40 | 9 | 21 | 12,698 |
| 1227 | Jeffers.. | 4.60 | ..... | 27,109 32 | 18,976 52 | 11/ 4/14 | 100 | 8/ 8/18 | 4.60 | 14 | 32 | 37,789 |
| 1228 | Warren.. | ..... | 5.13 | 84,900 96 | 67,920 00 | 7/20/15 | 71 | ..... | 5.13 | 14 | 22-24 | 43,137 |
| 1229 | Albany.. | 2.80 | ..... | 26,687 63 | 17,290 41 | 4/16/15 | 100 | 8/28/17 | 2.80 0.30 | 14 14 | 26 | 22,967 2,444 |
| 1230 | Colum... | 4.95 | ..... | 64,066 52 | 41,643 24 | 3/29/15 | 100 | 1/10/16 | 3.11 1.16 0.38 | 14 16 16, 15 | 28 | 25,565 16,876 3,513 |
| *1231 | Schuyler | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.63 0.45 | 16-17 | 32 | 6,573 2,389 |
| 1232 | Schuyler | 1.11 | ..... | 28,055 19 | 20,342 05 | 7/17/15 | 100 | 2/ 8/16 | 0.45 | 14 | 32 | 1,967 |
| 1233 | Schuyler | 0.98 | ..... | 10,997 96 | 8,716 77 | 6/10/16 | 100 | 1/30/17 | 0.98 | 14 | 26 | 8,265 |
| 1234 | Scho.... | 4.98 | ..... | 48,996 62 | 33,269 73 | 6/ 7/15 | 100 | 12/12/16 | 4.98 1.78 | 12, 30 | 22-26 | 36,182 14,596 |
| 1235 | Dutchess | 5.30 | ..... | 59,536 50 | 38,700 03 | 8/23/15 | 100 | 1/ 3/17 | 1.65 1.57 | 14 14 | 26-28 | 13,841 15,379 |
| 1236 | Monroe.. | 1.87 | ..... | 20,624 34 | 13,405 82 | 4/20/15 | 100 | 11/ 4/15 | 1.82 0.06 0.59 | 16 16 20 | 36-40 | 17,171 444 7,436 |
| 1237 | Monroe.. | 0.66 | ..... | 21,508 84 | 10,734 76 | 3/29/15 | 100 | 9/ 1/15 | 0.07 | 20-40 | 23-40 | 744 |
| 1238 | Broome.. | 1.03 | ..... | 48,023 14 | 18,823 51 | 5/29/15 | 100 | 12/15/15 | 1.03 | 16-35 | 28-38 | 17,666 |

* See list by counties.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--|-----------|-----------------------|-----------|-----------------------|-----------------------------|-----------------------------|------------------|-------|--------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Tr. | 4 | Tr. | 3 | Asp. (10)..... | | | | | | 1198 |
| | | F. Con. (9) (10)..... | 6 | | | | | | | |
| Tr. | 3 | Tr. | 3 | Li. Sc., HO (11)..... | | | | | | 1199 |
| S. Con. (8)..... | 6 | Br. (23)..... | 4 | | 2,490 | 29,244 | | | | |
| Sub. | 8 | Li. | 3 | Sc., water | 0,939 | 15,585 | | | Oiled. | 1200 |
| | | F. Con. (14)..... | 6 | | 0,872 | 12,409 | | | | 1201 |
| Grv. | 6 | F. Con. (14)..... | 6 | | 1,050 | 14,071 | | | | 1202 |
| | | F. Con. | 6-P | (13, 14)..... | 0,911 | 10,890 | | | | |
| | | F. Con. | 6-P | (2, 10, 14)..... | 1,080 | 13,333 | | | | 1203 |
| Lo. St. | 4 | Lo. St. | 3 | Asp. (7)..... | 0,902 | 12,000 | | | | 1204 |
| Sub. | 6 | Li. | 3 | Sc., water | 0,812 | 12,819 | | | Oiled. | 1205 |
| | | F. Con. (7)..... | 6 | | 1,125 | 14,290 | | | | 1206 |
| S. Con. (d) (3, 6) (On shoulders)..... | 5 | Br. (31)..... | 4 | Sc., water | 2,060 | 32,700 | | | | 1207 |
| | | Li. | 3 | | 0,377 | | | | | *1208 |
| | | F. Con. (17)..... | 6 | | 1,458 | 17,710 | | | | |
| S. Con. (d) (2, 12)..... | 5 | Br. (18)..... | 4 | | 2,024 | 22,435 | | | | 1209 |
| | | Br. (18)..... | 4 | | 1,648 | | | | | 1210 |
| Grv. Con. (d) (11)..... | 5 | Br. (22)..... | 4 | | 2,090 | 24,692 | | | | |
| Sub. | 6 | Li. | 3 | Sc., water | 0,678 | 11,437 | | | Oiled. | 1211 |
| S. Con. (d) (3)..... | 5 | Br. (22)..... | 4 | | 1,842 | 26,545 | | | | |
| Sub. & Li. 5..... | 11 | Li. | 3 | Asp. (11)..... | 1,456 | 22,925 | | | | 1211A |
| S. Con. | 5 | Br. | 4 | | 2,688 | 35,710 | | | | |
| S. Con. (i) (15)..... | 6 | Br. (9, 32)..... | 4 | | 2,172 | 23,779 | | | | 1212 |
| | | F. Con. (18)..... | 8-10 | | 0,992 | 12,230 | | | | 1213 |
| | | F. Con. | 8-P | (1, 2, 3, 15)..... | 1,067 | 13,280 | | | | 1214 |
| Fid. | 6 | Lo. St. | 3 | Sc., water | 0,508 | 9,919 | | | | 1215 |
| Grn. Fid. | 6 | Li. | 3 | Sc., water | 0,578 | 7,699 | | | Oiled. | 1216 |
| Fid. | 6 | Li. | 3 | Sc., water | 0,567 | 9,340 | | | Oiled. | 1217 |
| | | F. Con. (5)..... | 6 | | 0,890 | 10,590 | | | | 1218 |
| | | F. Con. (5)..... | 6 | | 0,883 | 9,333 | | | | 1219 |
| Lo. St. | 4 | Lo. St. | 3 | Sc., water | 0,542 | 10,452 | | | Oiled. | 1220 |
| Fid. & Lo. St. 2..... | 8 | Lo. St. | 3 | Asp. (2)..... | 0,920 | 18,000 | | | | 1221 |
| Lo. St. | 5 | Lo. St. | 3 | Asp. (2)..... | 0,895 | 17,760 | | | | |
| Fid. & St. 2..... | 8 | App. St. | 3 | Asp. (7)..... | 1,229 | 19,088 | | | | 1222 |
| App. St. | 3 | App. St. | 3 | Asp. (7)..... | 0,505 | 15,100 | | | | |
| (On shoulders)..... | | App. St. | 3 | | 0,167 | | | | | 1223 |
| Lo. St. | 4 | Li. | 3 | Sc., water | 0,774 | 12,425 | | | | |
| | | Dol. | 3 | Sc., water | 0,339 | 5,595 | | | Oiled. | 1224 |
| Dol. | 4 | Dol. | 3 | Sc., water | 0,672 | 8,721 | | | | 1225 |
| Sub. | 6 | St. | 3 | Sc., water | 0,661 | 10,425 | | | | |
| Sub. | 6 | Grn. Grn. Grn. | 3 | Sc., water | 0,662 | 10,270 | | | | 1226 |
| | | F. Con. (2, 10)..... | 8-P | | 0,604 | 17,950 | | | | 1227 |
| Lo. St. | 4 | Lo. St. | 3 | Sc., water | 0,602 | 10,230 | | | | 1228 |
| Sub. | 6 | Li. | 3 | Sc., water | 0,555 | 10,415 | | | Oiled. | 1229 |
| Grn. | 3 | Grn. | 3 | Sc., water | 0,547 | 10,240 | | | Oiled. | 1230 |
| Sub. | 6 | Grn. | 3 | Sc., water | 1,000 | 14,595 | | | | |
| | | F. Con. (10)..... | 6-P | | 3,149 | 34,765 | | | | *1231 |
| S. Con. | 5 | Grn. Blk. | 5 | | 1,885 | 24,215 | | | | |
| Grv. Con. (d) (11)..... | 5 | Br. (18)..... | 4 | | 1,855 | 24,215 | | | Oiled. | 1232 |
| Grv. Con. (d) (11)..... | 5 | Br. (18)..... | 4 | | 0,617 | 12,595 | | | | 1233 |
| Grv. | 6 | App. St. | 3 | Sc., water | 0,647 | 11,490 | | | | |
| Grv. | 8 | Li. | 3 | Sc., water | 0,605 | 11,279 | | | | 1234 |
| Lo. St. | 4 | Lo. Li. | 3 | Sc., water | 0,534 | 11,040 | | | | 1235 |
| Fid. | 6 | Sat., Dol. | 3 | Sc., water | 0,673 | 12,350 | | | | |
| Fid. & St. 2..... | 8 | Sat., Dol. | 3 | Sc., water | 0,648 | 12,119 | | | | 1236 |
| App. St. | 5 | Sat., Dol. | 3 | Sc., water | 0,714 | 10,549 | | | | |
| Li. | 8 | Li. | 3 | Sc., water | 0,971 | 12,959 | | | | 1237 |
| Li. | 8 | Li. | 3 | Sc., water | 0,971 | 12,959 | | | | |
| Sc. Grv. Con. (d) (10)..... | 5 | Br. (22)..... | 4 | | 1,936 | 23,970 | | | | 1238 |
| Sc. Grv. Con. (d) (10)..... | 5 | St. Blk. | 6 | | 2,756 | 31,720 | | | | 1239 |
| Grv. Con. (d) (8)..... | 5 | Br. (3)..... | 4 | | 1,899 | 25,559 | | | | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|--------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1239 | Broome | 6.68 | | \$13,366 65 | \$5,662 34 | 6/18/15 | 100 | 12/28/15 | 0.68 | 16 | 26-60 | 6,485 |
| 1240 | Broome | 9.91 | | 49,335 14 | 12,570 30 | 7/19/15 | 100 | 2/ 6/17 | 0.91 | 16-30 | 28-30 | 16,023 |
| 1241 | Broome | 2.30 | | 23,269 72 | 15,125 32 | 6/18/15 | 100 | 8/24/16 | 2.30 | 14 | 24 | 18,398 |
| 1242 | Greene | 4.43 | | | | 5/25/15 | 100 | 9/14/18 | 3.88 | 14-16 | 26-30 | 33,956 |
| | | | | | | | | | 0.04 | 16 | 30 | 356 |
| | | | | | | | | | 0.52 | 10 | 26 | 3,062 |
| | | | | | | | | | | 10 | | 3,062 |
| 1243 | Oswego | 5.49 | | 53,945 08 | 36,682 64 | 4/15/15 | 100 | 1/18/17 | 0.24 | 16 | 26 | 2,426 |
| | | | | | | | | | 5.16 | 14-15 | 26 | 42,577 |
| 1244 | Oswego | 5.20 | | 53,678 00 | 36,501 04 | 4/10/15 | 100 | 9/13/16 | 5.20 | 14 | 26 | 42,622 |
| 1245 | Oswego | 3.66 | | 33,122 88 | 22,523 56 | 4/15/15 | 100 | 11/24/15 | 3.66 | 14 | 28-30 | 30,026 |
| 1246 | Allegany | 6.71 | | 97,548 68 | 45,892 80 | 4/15/15 | 100 | 1/10/16 | 4.45 | 12-15 | 24-25 | 31,660 |
| | | | | | | | | | 2.26 | 14-33 | 24-33 | 23,562 |
| 1247 | Livingston | 3.51 | | 47,459 82 | 30,848 23 | 5/ 7/15 | 100 | 12/3/15 | 3.51 | 16 | 24-32 | 32,903 |
| 1248 | Livingston | 3.96 | | 50,793 02 | 32,179 87 | 5/14/15 | 100 | 1/30/17 | 3.96 | 16-30 | 26-36 | 37,746 |
| 1249 | Livingston | 2.18 | | 19,197 13 | 12,476 83 | 5/ 7/15 | 100 | 12/20/15 | 2.18 | 16-17 | 25 | 20,380 |
| 1250 | Franklin | 5.50 | | | | 4/21/15 | 100 | 12/14/18 | 5.50 | 12 | 24 | 38,696 |
| | | | | | | | | | 1.72 | 12 | 24 | 12,115 |
| 1251 | Franklin | 4.91 | | 42,100 86 | 33,680 69 | 4/16/15 | 100 | 1/10/19 | 0.07 | 12 | 12 | 467 |
| | | | | | | | | | 1.74 | 12, 13 | 24 | 12,284 |
| | | | | | | | | | 1.37 | 12 | 24 | 9,672 |
| 1252 | Franklin | 11.41 | | 139,100 00 | 110,160 00 | 5/12/15 | 48 | | 8.94 | 10 | 24-30 | 52,476 |
| | | | | | | | | | 2.47 | 10 | 24 | 14,444 |
| 1253 | Jefferson | 6.04 | | 50,652 71 | 32,924 26 | 11/16/15 | 100 | 1/30/17 | 6.09 | 9-12 | 24-28 | 33,271 |
| 1254 | Cattaraugus | 4.43 | | 64,000 00 | 46,080 00 | 5/12/15 | 91 | | 4.43 | 14-16 | 24-32 | 40,500 |
| 1255 | Jefferson | 14.05 | | 186,000 00 | 120,900 00 | 6/12/16 | 38 | | 14.05 | 14 | 30 | 116,829 |
| 1256 | Jefferson | 7.76 | | 168,200 00 | 109,330 00 | 10/30/16 | 16 | | 7.44 | 14 | 28 | 61,133 |
| | | | | | | | | | 0.32 | 14 | 28 | 2,645 |
| | | | | | | | | | 1.32 | 16 | 28 | 12,405 |
| 1257 | Herk | 1.81 | | 23,466 33 | 11,733 16 | 5/ 8/15 | 100 | 12/ 6/16 | 0.17 | 16 | 18 | 1,591 |
| | | | | | | | | | 0.32 | 16 | 16 | 3,031 |
| 1258 | Hamilton | 5.01 | | 78,800 00 | 63,040 00 | 5/13/15 | 53 | | 5.01 | 14 | 24 | 41,176 |
| 1259 | Allegany | 3.99 | | 40,972 39 | 32,777 91 | 5/ 7/15 | 100 | 2/ 7/17 | 3.99 | 12 | 24 | 28,117 |
| 1260 | Allegany | 8.08 | | 108,372 47 | 66,707 29 | 5/11/15 | 100 | 2/ 6/17 | 7.72 | 12 | 24 | 54,278 |
| | | | | | | | | | 0.96 | 20-47 | 38-58 | 13,965 |
| 1261 | St. Lawrence | 5.59 | | 75,930 94 | 47,109 64 | 6/12/15 | 100 | 12/23/17 | 0.52 | 21 | 24 | 7,695 |
| | | | | | | | | | 5.14 | 14 | 26 | 42,170 |
| 1262 | St. Lawrence | 5.07 | | 49,103 19 | 35,353 76 | 5/22/15 | 100 | 1/12/16 | 5.07 | 14-16 | 26-30 | 43,556 |
| 1263 | St. Lawrence | 10.85 | | 127,600 93 | 91,859 17 | 5/ 7/15 | 100 | 10/30/16 | 1.39 | 16 | 32 | 13,073 |
| | | | | | | | | | 9.46 | 12 | 24 | 66,569 |
| 1264 | St. Lawrence | 9.01 | | 96,115 07 | 69,202 85 | 5/11/15 | 100 | 10/16/17 | 9.03 | 12 | 20-24 | 63,567 |
| 1265 | St. Lawrence | 5.48 | | 50,886 22 | 36,638 08 | 7/23/15 | 100 | 11/ 8/16 | 4.50 | 14 | 26 | 36,968 |
| | | | | | | | | | 0.98 | 14 | 26 | 8,017 |
| 1266 | St. Lawrence | 3.03 | | 35,541 36 | 25,589 78 | 5/27/15 | 100 | 11/ 9/16 | 3.09 | 12 | 26 | 21,741 |
| | | | | | | | | | 4.23 | 10-16 | 25-32 | 26,352 |
| 1267 | Wyoming | 6.99 | | 81,000 00 | 55,080 00 | 7/23/15 | 31 | | 2.76 | 10-16 | 25-32 | 19,225 |
| | | | | | | | | | | 2 | | 6,694 |
| 1268 | Genesee | 4.49 | | 47,126 95 | 30,632 52 | 5/24/15 | 100 | 12/18/16 | 4.49 | 14-16 | 24-32 | 37,210 |
| | | | | | | | | | 0.73 | 16 | 32 | 6,868 |
| 1269 | Cattaraugus | 5.62 | | 83,436 84 | 60,074 52 | 6/ 3/15 | 100 | 12/18/16 | 4.62 | 14 | 26 | 38,152 |
| | | | | | | | | | 0.27 | 14 | 26 | 2,193 |
| 1270 | Delaware | 7.09 | | 78,989 08 | 66,745 47 | 5/24/15 | 100 | 10/19/16 | 7.69 | 12-27 | 22-30 | 55,892 |
| 1271 | Delaware | 11.40 | | 151,414 46 | 130,216 44 | 5/25/15 | 100 | 1/ 7/18 | 11.40 | 14-16 | 22-28 | 94,097 |
| 1272 | Delaware | 5.84 | | 61,620 00 | 69,230 00 | 5/24/15 | 71 | | 5.15 | 14 | 22 | 42,311 |
| | | | | | | | | | 0.69 | 14 | 20-28 | 5,678 |
| 1273 | Delaware | 2.50 | | 25,936 60 | 22,331 27 | 6/18/15 | 100 | 1/27/16 | 2.50 | 12-16 | 24-26 | 20,259 |
| 1274 | Suffolk | 10.50 | | 152,100 00 | 98,865 00 | 6/12/15 | 94 | | 10.50 | 16 | 28-34 | 98,640 |
| | | | | | | | | | 2.00 | 14, 16 | 28, 32 | 17,766 |
| 1275 | Cattaraugus | 3.93 | | 75,782 21 | 31,146 83 | 5/24/15 | 100 | 7/19/17 | 0.69 | 20 | 32 | 7,692 |
| | | | | | | | | | 1.05 | 14 | 26-32 | 8,654 |
| | | | | | | | | | 0.21 | 20-50 | 32-50 | 4,751 |
| 1276 | Ontario | 1.21 | | 26,193 75 | 10,982 16 | 6/ 2/15 | 100 | 6/13/16 | 0.97 | 16 | 30 | 9,065 |
| | | | | | | | | | 0.20 | 16-46 | 30-46 | 5,810 |
| 1277 | Ontario | 1.52 | | 68,159 54 | 18,696 46 | 5/24/15 | 100 | 12/15/15 | 1.52 | 130-73 | 130-73 | 30,866 |
| 1278 | Ontario | 8.63 | | 72,900 00 | 47,385 00 | 5/25/15 | 79 | | 8.63 | 10-12 | 30-33 | 53,337 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. | |
|--------------------------------|-----------|-----------------|-----------|-----------|------------|-----------------------------|-----------------------------|-----------------|-------|-------------|------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| 8 Con (1, 12) . . | 5 | F. Con. (a) (8) | 6 1/2-P | | | 1.033 | 19,270 | | | | 1239 |
| Fld | 6 | Br. (22) | 4 | | | 1.892 | 31,320 | | | | 1240 |
| Lo. St. | 4 | Li. | 3 | Sc. water | | 0.550 | 10,855 | | | | 1241 |
| Sub 6, Lo. St. 2 | 8 | Lo. St. | 3 | Asp. (11) | | | | | | | 1242 |
| Lo. St. | 3 | Lo. St. | 3 | Asp. (11) | | | | | | | |
| (Shoulders) | 3 | Lo. St. | 3 | Asp. (11) | | | | | | | |
| Li. | 5 | Li. | 3 | Sc. water | | 0.860 | 12,290 | | | | 1243 |
| Fld | 7 | Li. | 3 | Sc. water | | 0.676 | 10,565 | | | | |
| Grv. 6, Grv. 3. | 9 | Li. | 3 | Sc. water | Ca. Cl. | 0.805 | 11,310 | | | | |
| Sub | 7 | Set. | 3 | Asp. (7) | | 0.753 | 9,870 | | | | 1245 |
| Sub | 6 | St. | 3 | Asp. (11) | | 0.910 | 12,419 | | | | 1246 |
| 8 Con. (d) (5) | 5 | Br. (22) | 4 | | | 1.830 | 20,954 | | | | 1247 |
| Grv | 5 | Li. | 3 | Sc. water | Ca. Cl. | 0.782 | 13,274 | | | | |
| Grv | 5 | Li. | 3 | Sc. water | Ca. Cl. | 0.766 | 1,810 | | | | |
| Lo. St. | 5 | Li. | 3 | Sc. water | Ca. Cl. | 0.635 | 8,730 | | Oiled | | 1249 |
| Sub | 6 | App. St. | 3 | Asp. (11) | | | | | | | 1250 |
| Gn. | 3 | Gn. | 3 | Asp. (7) | | 0.714 | 9,925 | | | | 1251 |
| Old Mac., Gn. 1 | 1 | Gn. | 3 | Asp. (7) | | 0.589 | | | | | |
| Sub | 6 | Gn. | 3 | Asp. (7) | | 0.758 | 10,340 | | | | |
| Sub 6, Gn. 2 | 8 | Gn. | 3 | Asp. (7) | | 0.914 | 11,805 | | | | 1252 |
| Sy | 4 | Gn. | 3 | Asp. () | | 0.809 | 14,930 | | | | |
| Sub 12, Sy. 4 | 16 | Gn. | 3 | Asp. () | | 1.476 | 21,190 | | | | |
| Sub | 6 | Li. | 3 | Asp. (11) | | 0.790 | 11,510 | | | | 1253 |
| Sub 6, St. 2 | 8 | F. Con. (16) | 6 | | | 1.105 | 18,830 | | | | 1254 |
| Sub | 6 | App. St. | 3 | Asp. | | 1.006 | 13,920 | | | | 1255 |
| Sub | 9 | Li. | 3 | Asp. | | 0.925 | 13,226 | | | | 1256 |
| Dol. | 3 | Li. | 3 | Sc. water | | 1.225 | 16,044 | | | | 1257 |
| 8 Con. (9) | 5 | St. Blk. | 3 | | | 0.525 | 9,900 | | | | |
| 8 Con. (9) | 5 | | 3 | | | 2.844 | 41,050 | | | | |
| Sub | 9 | App. St. | 3 | Sc. water | T. () | 0.694 | 11,480 | | | | 1258 |
| Fld | 5 | St. | 3 | Asp. (11) | | 0.811 | 17,010 | | | | 1259 |
| Sub | 5 | App. St. | 3 | Asp. (7) | | 0.646 | 12,010 | | | | 1260 |
| 8 Con. (d) (5) | 5 | Br. (22) | 4 | | | 1.894 | 22,800 | | | | 1261 |
| 8 Con. (d) (9) | 6 | Br. (23) | 4 | | | 2.429 | 26,250 | | | | |
| Sub | 6 | App. St. | 3 | Asp. (7) | | 0.834 | 11,280 | | | | |
| Li. | 3 | Li. | 3 | Asp. (10) | | 0.739 | 10,040 | | | | 1262 |
| Sub | 9 | FCon(a)(9) | 6 1/2-P | | | 1.133 | 15,865 | | | | 1263 |
| Sub | 6 | Lo. St. | 3 | Sc. water | HO (10) | 0.846 | 13,170 | | | | 1264 |
| Sub | 6 | App. St. | 3 | Asp. (7) | | 0.875 | 12,890 | | | | 1265 |
| Sub | 6 | Dol. | 3 | Asp. (10) | | 0.759 | 10,185 | | | | 1266 |
| Dol. | 3 | Dol. | 3 | Asp. (10) | | 0.759 | 10,185 | | | | |
| Sub | 6 | Gn. | 3 | Asp. (11) | | 0.791 | 13,365 | | | | |
| Slag | 5 | Slag | 3 | Sc. water | T. { } | 0.766 | 13,420 | | | | 1267 |
| Grv | 5 | Slag | 3 | Sc. water | T. { } | 0.643 | 12,270 | | | | 1268 |
| (Shoulders) | 4 | Slag | 3 | Sc. water | T. { } | 0.365 | | | | | |
| Slag | 4 | Li. | 3 | Sc. water | CaCl. | 0.668 | 11,385 | | | | |
| | | F. Con. (16) | 8-P | | | 1.050 | 15,320 | | | | 1269 |
| | | F. Con. (16) | 7-P | | | 1.050 | 15,320 | | | | 1270 |
| Si | 5 | App. St. | 3 | Sc. water | | 0.667 | 11,720 | | | | |
| Sub | 6 | Set. | 3 | Asp. (10) | | 0.680 | 12,010 | | | | |
| Sub | 6 | Lo. St. | 3 | Asp. (11) | | 0.727 | 14,860 | | | | 1271 |
| Sub | 6 | App. St. | 3 | Asp. (10) | | 0.841 | 17,450 | | | | 1272 |
| Sub | 8 | App. St. | 3 | Asp. (10) | | 0.936 | 18,350 | | | | 1273 |
| Sub | 6 | Set. | 3 | Asp. (11) | | 0.740 | 11,490 | | | | |
| | | F. Con. (3) | 6-P | | | 1.163 | 14,380 | | | | |
| | | F. Con. | 7-P | | | 1.000 | 16,590 | | | | 1274 |
| | | F. Con. | 7 1/2-P | | | 1.000 | 16,590 | | | | 1275 |
| Si | 5 | Li. | 3 | Sc. water | | 0.782 | 14,350 | | | | |
| 8 Con. | 5 | Br. | 4 | | | 1.889 | 24,930 | | | | |
| Grv | 5 | Li. | 3 | Asp. (10) | | 0.703 | 12,590 | | | | 1276 |
| 8 Con. (d) (14) | 5 | Br. (19) | 4 | | | 1.871 | 23,550 | | | | 1277 |
| Se. Grv. Con. | 5 | Br. (10) | 4 | | | 1.740 | 23,770 | | | | |
| (d) (3) | 5 | Br. (10) | 4 | | | 0.657 | 10,210 | | | | |
| Grv | 6 | Li. | 3 | Sc. water | Ca. Cl. | 0.657 | 10,210 | | | | 1278 |

APPENDIX A — COUNTY HIGHWAYS, JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-----------------------|-------------------------|---------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1279 | Albany.. | 3.40 | ..... | \$94,597 20 | \$22,586 98 | 6/11/15 | 100 | 12/18/16 | 2.84 0.24 0.32 | 14-16 16 18-22 | 26 26 26 | 23,336 2,187 3,578 |
| 1280 | Albany.. | 5.76 | ..... | ..... | ..... | 6/11/15 | 100 | 9/14/18 | 5.76 | 14-16 | 26 | 47,726 |
| 1281 | Monroe. | 8.39 | ..... | 79,296 22 | 51,542 54 | 6/ 9/15 | 100 | 12/26/16 | 8.39 | 10 | 32 | 40,231 |
| 1282 | Monroe. | 1.51 | ..... | 19,697 31 | 12,803 25 | 6/ 8/15 | 100 | 12/ 8/15 | 1.51 | 16 | 32 | 14,279 |
| 1283 | Monroe. | 4.55 | ..... | 37,484 71 | 24,365 06 | 6/25/15 | 100 | 11/29/16 | 4.55 | 12-16 | 32 | 32,773 |
| 1284 | Monroe. | 6.05 | ..... | 42,091 86 | 27,359 71 | 6/17/15 | 100 | 12/30/16 | 6.05 | 10 | 32 | 35,467 |
| 1285 | Essex... | 3.31 | ..... | 35,087 99 | 28,772 15 | 6/10/15 | 100 | 12/ 6/16 | 3.31 | 14 | 26 | 27,108 |
| 1286 | Essex... | 0.52 | ..... | 5,509 71 | 4,517 96 | 6/12/15 | 100 | 1/10/16 | 0.52 | 10-16 | 26 | 4,983 |
| 1287 | Oswego.. | 7.75 | ..... | 73,447 25 | 49,943 04 | 6/ 9/15 | 100 | 1/ 9/17 | 7.75 | 14-16 | 26-32 | 64,288 |
| 1288 | Oswego.. | 5.11 | ..... | 44,672 20 | 30,377 10 | 6/ 9/15 | 100 | 11/23/16 | 5.11 | 14 | 26 | 41,972 |
| 1289 | Erie.... | 0.34 | ..... | 17,249 40 | 4,741 46 | 7/17/15 | 100 | 8/ 2/16 | 0.34 | 30-46 | 30-46 | 6,284 |
| 1290 | Monroe. | 1.53 | ..... | 17,126 63 | 11,132 31 | 7/16/15 | 100 | 1/19/16 | 1.53 | 12 | 32 | 10,394 |
| 1291 | Suffolk.. | 3.26 | ..... | 48,121 25 | 31,278 02 | 7/16/15 | 100 | 8/22/17 | 3.26 | 16 | 24 | 30,656 |
| 1292 | Steuben. | 3.42 | ..... | 35,014 69 | 23,809 99 | 7/13/15 | 100 | 12/28/15 | 3.42 | 14 | 26 | 28,086 |
| 1293 | Orleans. | 1.80 | ..... | 18,440 00 | 11,986 00 | 6/18/15 | 100 | 2/ 9/16 | 1.80 | 16 | 32 | 16,880 |
| 1294 | Ontario. | 1.38 | ..... | 15,411 56 | 9,367 51 | 7/16/15 | 100 | 12/ 3/15 | 1.38 | 16 | 32 | 12,963 |
| 1295 | Rock.... | 2.96 | ..... | 45,384 93 | 29,499 65 | 7/16/15 | 100 | 1/30/17 | 0.36 0.90 | 10-20 16 | 32 32-24 | 3,482 8,487 15,941 |
| 1296 | Chautau. | 0.77 | ..... | 13,693 64 | 8,900 87 | 7/20/15 | 100 | 10/26/16 | 0.77 0.81 | 16 | 32 | 7,233 7,644 |
| 1297 | Chautau. | 3.54 | ..... | 79,186 47 | 51,470 56 | 7/17/15 | 100 | 2/ 6/17 | 0.69 2.04 | 16 | 26 | 6,586 11,039 |
| 1298 | Chautau. | 0.91 | ..... | 22,641 80 | 14,717 17 | 7/20/15 | 100 | 7/31/17 | 0.91 | 16 | 32 | 8,686 |
| 1299 | Lewis... | 2.00 | ..... | 20,470 23 | 17,189 53 | 7/16/15 | 100 | 12/28/15 | 0.67 1.33 | 9-14 14 | 28 | 4,272 8,263 |
| 1300 | Lewis... | 8.82 | ..... | 101,200 00 | 83,664 00 | 7/22/15 | 20 | ..... | 8.03 0.79 0.59 | 9-14 9-14 10-36 | 26 26 32-36 | 63,579 4,847 8,430 |
| 1301 | Lewis... | 1.27 | ..... | 33,427 08 | 17,235 43 | 7/16/15 | 100 | 2/14/16 | 0.68 12.06 | 16 | 32 | 6,481 14,016 |
| 1302 | Otsego.. | 12.66 | ..... | 165,600 00 | 124,032 00 | 7/12/15 | 35 | ..... | 12.06 | 14 | 24 | 104,016 |
| 1303 | Otsego.. | 2.52 | ..... | 21,954 83 | 16,643 87 | 7/16/15 | 100 | 1/12/16 | 2.52 | 14 | 26 | 20,757 |
| 1304 | Erie.... | 1.17 | ..... | 27,917 46 | ..... | 8/31/15 | 100 | 9/26/17 | 1.17 | 16 | 26-28 | 10,946 |
| 1305 | Cattaraugus | 5.45 | ..... | 82,590 37 | 41,295 19 | 8/30/15 | 100 | 10/10/17 | 5.45 | 22, 16 | 22-32 | 55,062 |
| 1306 | West.... | 5.72 | ..... | 86,700 00 | 55,445 00 | 8/31/15 | 77 | ..... | 5.59 0.13 | 14 | 24-28 | 45,920 1,069 |
| 1307 | West.... | 1.89 | ..... | ..... | ..... | 8/31/15 | 100 | 8/27/18 | 0.71 1.18 | 14 | 26-28 | 5,536 9,728 |
| 1308 | West.... | 8.251 10 | ..... | 8,251 10 | 6,251 10 | 8/31/15 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1308A | West.... | 2.14 | ..... | 24,538 34 | 15,061 39 | 9/25/16 | 100 | 3/ 5/18 | 0.81 1.33 | 16 | 27-29 | 7,657 12,466 |
| 1309 | West.... | 6.63 | ..... | ..... | ..... | 9/ 2/15 | 100 | 8/13/18 | 5.79 0.84 | 16 | 26-28 | 54,384 7,080 |
| 1310 | Chem.... | 4.02 | ..... | 52,102 47 | 33,837 36 | 8/25/15 | 100 | 8/28/17 | 4.02 | 12 | 24 | 28,275 |
| 1311 | Chem.... | 6.87 | ..... | ..... | ..... | 8/30/15 | 100 | 8/27/18 | 6.87 | 14 | 26 | 56,560 |
| 1312 | Dutchess | 6.81 | ..... | 87,850 00 | 55,965 00 | 9/ 2/15 | 68 | ..... | 6.81 4.17 | 14-16 | 24-28 | 61,200 34,222 |
| 1313 | Dutchess | 6.86 | ..... | 84,500 00 | 54,925 00 | 8/25/15 | 68 | ..... | 2.82 0.23 | 14-16 | 26-28 | 21,672 1,667 |
| 1314 | Dutchess | 5.36 | ..... | 54,110 93 | 35,177 95 | 8/25/15 | 100 | 10/10/17 | 5.36 | 14 | 26 | 44,042 |
| 1315 | Niagara | 8.00 | ..... | 113,080 00 | 76,700 00 | 9/ 2/15 | 41 | ..... | 0.85 7.04 | 16 | 32 | 8,264 63,866 |
| *1316 | Niagara | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1317 | Cayuga.. | 8.00 | ..... | 185,950 00 | 82,225 00 | 11/18/15 | 93 | ..... | 0.74 6.17 1.09 | 16-30 14 16-42 | 30-32 26-30 26-42 | 9,371 50,820 14,674 |
| 1318 | Livingston | 0.24 | ..... | 45,158 24 | 26,372 17 | 8/31/15 | 100 | 10/11/16 | 0.11 0.12 | 16 | 32 | 1,087 1,188 |
| 1319 | Monroe. | 1.65 | ..... | ..... | ..... | 8/31/15 | 100 | 10/11/16 | 1.09 0.88 | 16-18 | 32 | 10,789 8,826 |
| 1320 | Schuyler | 2.75 | ..... | 27,061 61 | 22,129 29 | 8/31/15 | 100 | 1/18/17 | 2.75 | 14 | 24 | 28,681 |
| 1321 | Livingston | 8.34 | ..... | 120,780 00 | 80,925 00 | 8/30/15 | ..... | ..... | 8.34 | 16-18 | 34-32 | 78,070 |
| 1322 | Allegany | 7.29 | ..... | ..... | ..... | 8/27/16 | 100 | 9/30/18 | 7.29 | 12 | 23 | 51,680 |

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918—(Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|----------------|-----------|------------|-----------------------------|-----------------------------|------------------|-------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 19'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. 6, Lo. 2 | 8 | Lo. St. | 3 | Sc. water | 0.606 | 13,895 | | | 1270 | |
| Sub. 6, Lo. 2 | 8 | Lo. St. | 3 | Asp. (11) | 0.845 | 15,295 | | | | |
| Old. Mac. | | Lo. St. | 3 | Asp. (11) | 0.658 | 10,180 | | | | |
| Sub. 6, Lo. St. 2 | 8 | Lo. St. | 3 | Sc. water | 0.805 | 11,920 | | | 1260 | |
| Lo. St. | 5 | App. St. | 3 | Sc. water | 0.837 | 12,660 | | | 1261 | |
| Slag | 5 | Li. | 3 | Sc. water | 0.639 | 9,385 | | | 1262 | |
| Lo. St. | 5 | Li. | 3 | Sc. water | 0.508 | 8,460 | | | 1263 | |
| Lo. St. | 4 | Grn. Li. Set. | 3 | Sc. water | 0.670 | 11,380 | | | 1264 | |
| Lo. St. | 4 | Lo. St. | 3 | Asp. (11) | 0.790 | 10,595 | | | 1265 | |
| App. St. | 4 | App. St. | 3 | Asp. (10) | 0.723 | 10,205 | | | 1266 | |
| Fld. | 7 | Lo. St. | 3 | Asp. (11) | 0.709 | 9,565 | | | 1267 | |
| Fld. | 5 | Fld. | 3 | Asp. (10) | | | | | 1268 | |
| Grv. Con. (d,h) (23) | 5 | Br. (1) | 4 | | 1.834 | 26,155 | | | 1269 | |
| Grv. | 5 | Li. | 3 | Sc. water | 0.750 | 10,777 | | | 1270 | |
| | | F. Con. (1) | 6-P | | 0.958 | 14,670 | | | 1291 | |
| Fld. | 5 | Sl. | 3 | Sc. water | 0.625 | 10,970 | | | 1292 | |
| Fld. | 5 | Li. | 3 | Sc. water | 0.652 | 10,032 | | | 1293 | |
| Li. | 5 | Li. | 3 | Asp. (10) | 0.737 | 10,210 | | | 1294 | |
| Old Mac. | | Tr. | 3 | Sc. water | 0.406 | 11,355 | | | 1295 | |
| Tr. | 4 | Tr. | 3 | T. (17) | 0.706 | 14,175 | | | | |
| Sub. 8, Tr. 2 | 10 | Tr. | 3 | T. (17) | 0.899 | 16,985 | | | | |
| | | F. Con. (15) | 8-P | | 1.000 | 15,330 | | | 1296 | |
| | | F. Con. (7,16) | 7-P | | 0.955 | 13,015 | | | 1297 | |
| S. Con. (e) (7, 16) | 7-P | Br. (9) | 7-P | | 1.910 | 26,980 | | | | |
| S. Con. (e) (7, 16) | 6 | Br. (9) | | | 1.910 | 26,980 | | | | |
| S. Con. (d,e) (15) | 7-P | Br. (15) | 4 | | 1.998 | 23,185 | | | 1298 | |
| Fld. | 6 | Li. | 3 | Asp. (10) | 0.807 | 12,170 | | | 1299 | |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.786 | 11,975 | | | 1300 | |
| Fld. | 6 | Fld. | 3 | Asp. (10) | 0.947 | 14,171 | | | | |
| Fld. | 9 | Fld. | 3 | Asp. (10) | 1.170 | 15,863 | | | | |
| S. Con. (d) (10, 13, 19) | 5 | Bitu. | 2 | | 2.200 | 26,300 | | | 1301 | |
| | | F. Con. (a) | 6 | (10,13,19) | 1.110 | 15,980 | | | | |
| Lo. St. | 6 | Li. | 3 | Sc. water | 1.000 | 15,077 | | | | |
| Li. | 4 | Li. | 3 | Sc. water | 0.760 | 9,590 | | | 1302 | |
| S. Con. (e) (5) | | Br. (15) | 4 | | 1.787 | 22,430 | | | 1304 | |
| | | F. Con. (20) | Var. | | 1.000 | 14,080 | | | 1305 | |
| Gn. | 4 | Gn. | 3 | Asp. | 0.894 | 17,440 | | | 1306 | |
| Lo. St. | 5 | Gn. | 3 | Sc. water | 0.547 | 14,460 | | | 1307 | |
| Old Tel. | | App. St. | 3 | T. | | | | | | |
| App. St. | 5 | App. St. | 3 | T. | | | | | | |
| Lo. Gn. | 5 | Lo. Gn. | 3 | Asp. (10) | 0.897 | 15,450 | | | 1308 | |
| Sub. 8', Gn. 2' | 10 | Lo. Gn. | 3 | Asp. (13) | 0.998 | 16,400 | | | 1309 | |
| Gn. | 5 | Gn. | 3 | Asp. | | | | | 1310 | |
| Sub. 8', Gn. 2' | 10 | Gn. | 3 | Asp. | 0.660 | 14,775 | | | | |
| Sub. | 5 | App. St. | 3 | Sc. water | | | | | | |
| Fld. | 6 | Li. | 3 | Sc. water | 0.815 | 13,925 | | | 1311 | |
| Fld. | 6 | Lo. | 3 | Asp. () | 0.692 | 12,720 | | | 1312 | |
| Fld. | 8 | Li. | 3 | Sc. water | 0.770 | 13,460 | | | 1313 | |
| Li. | 5 | Li. | 3 | Sc. water | 0.853 | 14,520 | | | | |
| Fld. 8', Li. 2' | 10 | Li. | 3 | Sc. water | 0.547 | 10,740 | | | | |
| Sub. | 8 | Li. | 3 | Sc. water | 1.342 | 15,440 | | | 1314 | |
| | | F. Con. (19) | 7 | | 1.150 | 13,640 | | | 1315 | |
| | | F. Con. (19) | 6 | | | | | | 1316 | |
| S. Con. (20) | 5 | Bitu. | 2 | | 2.336 | 27,965 | | | 1317 | |
| Li. | 5 | Li. | 3 | Asp. (10) | 1.186 | 17,170 | | | | |
| S. Con. (20) | 5 | Br. (3) | 4 | | 2.236 | 26,130 | | | | |
| Sub. | 7 | Am. | 2 | | 1.190 | 16,800 | | | 1318 | |
| App. St. | 6 | Am. | 2 | | 1.183 | 16,750 | | | | |
| S. Con. (5) (5) | 5 | Am. | 2 | | 1.437 | 19,120 | | | | |
| S. Con. (5) (5) | 5 | Br. (19) | 4 | | 1.937 | 23,810 | | | 1319 | |
| Fld. | 6 | Sat. | 3 | Sc. water | 0.740 | 11,060 | | | 1320 | |
| Lo. St. | 5 | Li. | 3 | Sc. water | 1.034 | 17,216 | | | 1321 | |
| Fld. | 5 | Slag | 3 | Asp. | | | | | 1322 | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1323 | West.... | 4.62 | | \$56,340 69 | \$36,621 45 | 8/28/15 | 100 | 12/12/17 | 3.51 | 14 | 26-28 | 29,539 |
| 1324 | West.... | 3.02 | | 33,728 69 | 21,923 65 | 8/31/15 | 100 | 2/24/17 | 0.59 | 14 | 26-28 | 4,997 |
| 1325 | West.... | 2.81 | | 30,355 27 | 19,730 93 | 8/31/15 | 100 | 2/15/17 | 2.35 | 14 | 26-28 | 21,818 |
| 1326 | Madison.. | 0.19 | | 2,780 04 | 1,904 03 | 11/ 5/15 | 100 | 8/21/16 | 0.40 | 14 | 26-28 | 3,267 |
| 1327 | Cayuga.... | 6.06 | | 68,600 00 | 44,590 00 | 10/30/15 | 41 | | 2.81 | 14 | 24-26 | 23,379 |
| 1328 | Monroe.. | 0.73 | | 14,796 07 | 9,617 45 | 11/18/15 | 100 | 6/13/16 | 0.19 | 16 | 26-32 | 1,733 |
| 1329 | Orange.... | 3.70 | | 65,438 43 | 34,416 15 | 6/ 9/16 | 100 | 3/20/18 | 0.85 | 14 | 28 | 6,900 |
| 1330 | Tomp.... | 2.46 | | 31,319 71 | 20,671 01 | 10/30/15 | 100 | 12/12/17 | 5.21 | 16 | 32 | 42,900 |
| 1331 | Colum.... | 4.27 | | 49,708 41 | 32,307 22 | 10/30/15 | 100 | 1/ 3/17 | 0.73 | 16 | 32 | 9,938 |
| 1332 | Colum.... | 7.77 | | 82,750 00 | 52,196 00 | 10/30/15 | 23 | | 3.53 | Var. | 26-60 | 35,540 |
| 1333 | Erie.... | 9.14 | | 170,000 00 | 110,500 00 | 12/ 3/15 | 24 | | 0.17 | 44 | 44 | 4,399 |
| †1334A | Erie.... | 3.18 | | 49,500 00 | 32,178 00 | 8/26/16 | 96 | | 2.46 | 14 | 24 | 20,219 |
| †1334B | Erie* | 0.51 | | | | 8/24/16 | | | 2.01 | 14 | 26 | 16,524 |
| 1335 | Erie.... | 4.52 | | 67,645 91 | 43,969 84 | 12/ 3/15 | 100 | 11/16/17 | 0.33 | 14 | 26 | 2,708 |
| 1336 | Erie.... | 5.19 | | 71,000 00 | 46,150 00 | 10/25/15 | 34 | | 1.96 | 14 | 26 | 15,883 |
| 1337 | Monroe.. | 2.89 | | 40,087 03 | 26,056 57 | 11/ 4/15 | 100 | 1/ 9/17 | 6.54 | 14-16 | 26-28 | 47,705 |
| 1338 | Schenec.. | 4.22 | | 38,961 06 | 25,323 91 | 11/20/15 | 100 | 11/29/16 | 1.23 | 14 | 26 | 10,067 |
| 1339 | Genesee.. | 0.41 | | 15,772 28 | 9,217 55 | 11/11/15 | 100 | 8/21/16 | 9.14 | 16 | 26-32 | 75,018 |
| *1340 | West.... | | | | | 11/24/16 | 100 | 2/13/18 | 1.85 | 16 | 26-32 | 17,377 |
| 1341 | West.... | 0.35 | | 5,378 25 | 3,692 40 | 11/24/16 | 100 | 2/13/18 | 1.33 | 16 | 26-32 | 12,530 |
| 1342 | Nassau.... | 5.24 | | 99,200 00 | 64,490 00 | 7/17/16 | 20 | | 1.12 | 16-44 | 32-44 | 23,180 |
| 1343 | Nassau.... | 3.09 | | 40,400 00 | 26,260 00 | 7/27/16 | 3 | | 4.26 | 14 | 28-36 | 35,206 |
| 1344 | Nassau.... | 3.38 | | 50,400 00 | 32,780 00 | 8/22/16 | 22 | | 0.23 | 16-30 | 28-36 | 2,622 |
| 1345 | Saratoga.. | 5.74 | | 73,900 00 | 47,645 00 | 4/26/16 | 81 | | 0.99 | 14 | 32 | 8,090 |
| 1346 | Herk.... | 5.10 | | 76,700 00 | 52,156 00 | 7/13/16 | | | 4.20 | 14 | 28-38 | 33,470 |
| 1347 | Scho.... | 4.41 | | 46,773 82 | 37,419 06 | 6/19/16 | 100 | 8/28/17 | 0.75 | 16 | 32 | 7,086 |
| 1348 | Greene.... | 3.98 | | 49,600 00 | 36,704 00 | 6/ 9/16 | 22 | | 1.69 | 12-16 | 32 | 14,724 |
| 1349 | Wyom.... | 4.73 | | 57,000 00 | 38,780 00 | 6/ 6/16 | 70 | | 0.45 | 16 | 32 | 4,199 |
| 1350 | Living.. | 3.42 | | 45,117 28 | 22,558 63 | 6/ 9/16 | 100 | 12/ 5/17 | 0.35 | 16 | 30 | 3,257 |
| 1351 | Living.. | 2.08 | | 39,000 00 | 25,350 00 | 10/28/16 | 89 | | 3.87 | 16 | 30 | 36,445 |
| 1352 | Yates.... | 9.63 | | 108,000 00 | 73,440 00 | 6/10/16 | 56 | | 0.27 | 16 | 26 | 2,490 |
| 1353 | Onond.... | 2.13 | | 44,673 35 | 29,037 68 | 4/25/16 | 100 | 4/10/17 | 0.14 | 16 | 26 | 1,345 |
| 1354 | Onond.... | 5.55 | | 75,800 00 | 57,565 00 | 7/17/16 | 8 | | 0.35 | 16 | 26 | 3,323 |
| *1355 | Onond.... | | | | | | | | 4.71 | 16 | 26 | 44,190 |
| *1356 | Onond.... | | | | | | | | 0.53 | 16 | 27-28 | 4,978 |
| 1357 | Onond.... | 4.87 | | 81,300 00 | 52,845 00 | 6/ 8/16 | 100 | 6/11/18 | 3.09 | 16 | 28 | 29,020 |
| 1358 | Onond.... | 8.26 | | 81,300 00 | 52,845 00 | 6/ 8/16 | 68 | | 3.38 | 16 | 28 | 31,744 |
| *1359 | Onond.... | | | | | | | | 5.56 | 16 | 26-28 | 52,211 |
| 1360 | Madison.. | 6.54 | | 73,500 00 | 51,450 00 | 7/11/16 | 26 | | 0.18 | 16 | 26-28 | 1,673 |
| 1361 | Madison.. | 5.65 | | 67,300 00 | 47,110 00 | 7/14/16 | 23 | | 5.10 | 16 | 24 | 47,899 |
| *1362 | Herk.... | | | | | | | | 4.41 | 12, 16 | 24, 28 | 32,895 |
| *1363 | Herk.... | | | | | | | | 3.98 | 14 | 24-26 | 32,769 |
| 1364 | Greene.... | 6.02 | | | | | | | 4.73 | 14 | 26 | 38,822 |
| 1365 | Greene.... | 2.39 | | 31,400 00 | 23,236 00 | 7/11/16 | 100 | 11/30/17 | 3.42 | 14, 16 | 28-32 | 29,818 |
| 1366 | Alleg.... | 6.88 | | 78,538 97 | 54,502 90 | 6/10/16 | 100 | 1/29/18 | 1.72 | 14 | 28-32 | 14,116 |
| | | | | | | | | | 0.33 | 14 | 28-32 | 2,717 |
| | | | | | | | | | 1.63 | 12-16 | 24-30 | 60,957 |
| | | | | | | | | | 0.04 | 22-24 | 24 | 496 |
| | | | | | | | | | 2.09 | 16, 22 | 24-44 | 26,153 |
| | | | | | | | | | 5.55 | 14 | 26 | 45,577 |
| | | | | | | | | | | | | |
| | | | | | | | | | 4.87 | 16 | 26 | 45,744 |
| | | | | | | | | | 8.26 | 16 | 26 | 77,539 |
| | | | | | | | | | 6.54 | 12 | 24-26 | 46,332 |
| | | | | | | | | | 4.11 | 14 | 26 | 33,769 |
| | | | | | | | | | 1.54 | 14 | 26 | 12,672 |
| | | | | | | | | | | | | |
| | | | | | | | | | 1.38 | 14 | 26 | 11,355 |
| | | | | | | | | | 4.64 | 14 | 26 | 38,049 |
| | | | | | | | | | 2.65 | 14 | 26 | 14,809 |
| | | | | | | | | | 0.34 | 14 | 26 | 2,800 |
| | | | | | | | | | 5.18 | 12 | 24 | 35,443 |
| | | | | | | | | | 1.70 | 12-40 | 24-43 | 18,245 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAYMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|----------------|-----------------------------|-----------------------------|-----------------|-------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Ga | 5 | Ga | 3 | Asp. (10) | 0.820 | 12,890 | | | 1323 | |
| Fl. & Ga. 2 | 10 | Ga | 3 | Asp. (10) | 0.883 | 13,430 | | | | |
| Fl. | 8 | Ga | 3 | Asp. (10) | 0.724 | 11,990 | | | | |
| Lo. St. | 4 | Lo. St. | 3 | T. (17) | 0.699 | 11,670 | | | | |
| Sub. F. Lo. St. 2 | 10 | Lo. St. | 3 | T. (17) | 0.852 | 13,110 | | | | |
| Fl. | 8 | Lo. St. | 3 | Asp. (10) | 0.702 | 11,570 | | | | |
| Sub. | 6 | Li. | 3 | Asp. (11) | 1.029 | 14,750 | | | | |
| Gr. F. Li. F. | 11 | Li. | 2 | Asp. | 1.140 | 14,041 | | | | |
| Li. | 8 | Li. | 2 | Asp. | 0.919 | 11,967 | | | | |
| Con. (d) (2) | 5 | MM-2 | 2 | Asp. (10) | 1.481 | 19,245 | | | | |
| Con. | 6 | F. Con. (11) | Var. | | 0.875 | 14,510 | | | | |
| Con. | 6 | Br. (22) | 4 | | 1.792 | 23,126 | | | | |
| Li. | 4 | Li. | 3 | Se. water | 0.658 | 13,680 | | | | |
| Li. | 15 | St. Li. | 3 | T. (17) | 0.960 | 13,440 | | | | |
| Li. | 14 | St. Li. | 3 | T. (17) | 0.874 | 12,630 | | | | |
| Li. | 3 | Lo. St. | 3 | T. (17) | 0.788 | 11,830 | | | | |
| Li. | 3 | Lo. St. | 3 | LC. T. (17) | 0.808 | 12,050 | | | | |
| Sub. | 6 | Lo. St. | 3 | LC. T. (17) | 0.798 | 11,970 | | | | |
| App. St. | 5 | App. St. | 3 | Se. water | 0.036 | 11,470 | | | | |
| App. St. | 5 | App. St. | 3 | Se. water | 0.885 | 12,960 | | | | |
| F. Con. | 8 | F. Con. | 8 | T. () | 1.507 | 17,700 | | | | |
| F. Con. | 8 | F. Con. | 8 | T. () | 1.507 | 17,700 | | | | |
| Slag | 5 | Slag | 4 | Se. water | 1.036 | 14,940 | | | | |
| Br. (9) | 4 | Br. (9) | 4 | T. (11) | 2.010 | 23,085 | | | | |
| Slag | 11 | Slag | 4 | Se. water | 1.390 | 18,345 | | | | |
| Gr. F. Slag 5 | 5 | Slag | 4 | Se. water | 0.913 | 13,827 | | | | |
| Li. | 5 | Li. | 2 | Asp. (10) MM-2 | 1.587 | 20,120 | | | | |
| Li. | 5 | Li. | 3 | Se. water | 0.757 | 12,330 | | | | |
| Li. | 4 | Li. | 3 | Se. water | 0.469 | 9,620 | | | | |
| Lo. St. | 4 | Lo. St. | 3 | Se. water | 0.573 | 8,410 | | | | |
| Sub. & Lo. St. 2 | 3 | Lo. St. | 3 | Se. water | 0.651 | 9,140 | | | | |
| Gr. V. | 5 | Li. | 3 | Se. water | 0.714 | 38,490 | | | | |
| Li. | 5 | Li. | 3 | Se. water | 0.714 | 38,490 | | | | |
| Tr. | 4 | Tr. | 3 | Asp. (10) | 1.104 | 14,570 | | | | |
| F. Con. (1) | 6 | F. Con. (1) | 6 | | 0.962 | 19,211 | | | | |
| Tr. | 4 | Tr. | 3 | Asp. () | 0.882 | 18,178 | | | | |
| F. Con. | 6 | F. Con. | 6 | | 0.956 | 13,015 | | | | |
| F. Con. | 6 | F. Con. | 6 | | 1.059 | 14,530 | | | | |
| Lo. St. | 4 | Lo. St. | 3 | Asp. (10) | 0.797 | 12,610 | | | | |
| Fl. & Lo. St. 2 | 8 | Lo. St. | 3 | Asp. (10) | 0.988 | 14,400 | | | | |
| Fl. | 6 | App. St. | 3 | Se. water | 0.731 | 15,371 | | | | |
| Fl. | 6 | Sub. | 2 | Asp. (10) | 0.627 | 11,955 | | | | |
| Fl. | 6 | Li. | 3 | Se. water | 0.584 | 12,840 | | | | |
| Gr. V. | 5 | Imp. Li. | 3 | Se. water | 0.835 | 13,034 | | | | |
| Li. | 5 | Li. | 3 | Se. water | 0.710 | 13,350 | | | | |
| F. Con. | 5 | F. Con. | 6 | | 1.347 | 18,733 | | | | |
| Li. | 5 | Li. | 3 | Se. water | 0.942 | 14,931 | | | | |
| Lo. St. | 6 | Lo. St. | 3 | Se. water | 0.683 | 12,828 | | | | |
| Con. (1, 2, 19) | 7 | Br. (10) | 4 | | 2.333 | 27,585 | | | | |
| F. Con. | 7 | F. Con. | 7 | (1, 2, 19) | 0.930 | 14,415 | | | | |
| F. Con. (6) | 7 | F. Con. (6) | 7 | | 1.057 | 14,877 | | | | |
| App. St. | 6 | App. St. | 3 | Se. water | | | | | | |
| Fl. | 6 | Fl. | 3 | Se. water | 0.650 | 9,840 | | | | |
| Li. | 6 | Li. | 3 | Se. water | 0.752 | 12,970 | | | | |
| Li. | 6 | Li. | 3 | Se. water | 0.915 | 12,577 | | | | |
| Gr. & Li. S. | 9 | Li. | 3 | Se. water | 1.015 | 13,515 | | | | |
| App. St. | 4 | App. St. | 3 | T. () | | | | | | |
| App. St. | 6 | App. St. | 3 | T. () | | | | | | |
| Lo. St. | 4 | Lo. St. | 3 | Asp. (10) | 0.713 | 14,235 | | | | |
| Lo. St. | 4 | Lo. St. | 3 | Se. water | 0.496 | 12,205 | | | | |
| App. At. | 6 | App. At. | 3 | Se. water | 0.725 | 11,015 | | | | |
| App. St. | 5 | App. St. | 3 | Asp. (2, 10) | 1.036 | 13,935 | | | | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1367 | Monroe | 1.71 | ..... | \$21,585 29 | \$14,031 09 | 6/ 7/16 | 100 | 1/9/17 | 1.71 | 16 | 32 | 16,044 |
| 1368 | Cort. | 2.07 | ..... | 25,659 92 | 17,944 44 | 6/13/16 | 100 | 1/ 3/18 | 2.07 | 10 | 24 | 12,168 |
| 1369 | Cort. | 2.00 | ..... | 24,246 24 | 16,971 14 | 6/ 9/16 | 100 | 3/28/18 | 2.00 | 10 | 24 | 11,716 |
| *1370 | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1371 | Albany | 0.88 | ..... | 29,088 62 | 18,907 60 | 7/12/16 | 100 | 10/10/17 | 0.88 | 16 | 28 | 8,308 |
| 1372 | Albany | 3.23 | ..... | 57,096 26 | 36,987 15 | 7/14/16 | 100 | 12/18/17 | 3.23 | 14 | 26 | 27,744 |
| *1372A | Albany | 0.12 | ..... | 2,232 92 | 1,451 40 | 9/25/17 | 100 | 1/11/18 | 0.12 | 14 | 24-26 | 1,077 |
| 1373 | Ulster | ..... | 2.73 | 46,800 00 | 23,504 67 | 7/18/16 | 52 | ..... | 2.73 | 16-32 | 28-32 | 29,714 |
| 1374 | Madison | 0.91 | ..... | 12,348 96 | 6,174 48 | 7/22/16 | 100 | 7/19/17 | 0.91 | 16 | 28 | 8,565 |
| 1375 | Fulton | 1.10 | ..... | ..... | ..... | 7/14/16 | 100 | 12/19/18 | 1.10 | 16 | 28 | 10,386 |
| *1376 | Fulton | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1377 | Fulton | 3.74 | ..... | ..... | ..... | 10/28/16 | 100 | 11/23/18 | 3.74 | 14 | 26 | 30,798 |
| 1378 | Chem | 4.14 | ..... | ..... | ..... | 7/11/16 | 100 | 9/10/18 | 3.19 | 30-38 | 30-38 | 25,600 |
| 1379 | Chatau. | 0.74 | ..... | 40,000 00 | 9,650 00 | 8/22/16 | 48 | ..... | 1.46 | 16 | 36 | 13,668 |
| 1380 | Chatau. | 5.65 | ..... | 134,100 00 | 87,165 00 | 7/17/16 | ..... | ..... | 1.49 | 14 | 34 | 12,112 |
| 1381 | Chatau. | 3.90 | ..... | 56,100 00 | 36,465 00 | 10/31/16 | 11 | ..... | 0.74 | 30 | 30 | 13,197 |
| *1382 | Oneida | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.11 | 16-30 | 30-32 | 29,357 |
| *1383 | Franklin | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.54 | 10-16 | 26-30 | 10,862 |
| *1384 | Franklin | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8.00 | 10 | 24-38 | 22,091 |
| *1385 | Franklin | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *1386 | Franklin | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1387 | St. Law. | 0.43 | ..... | 5,559 63 | 4,002 93 | 7/14/16 | 100 | 9/26/17 | 0.43 | 16-26 | 32-34 | 4,125 |
| 1388 | St. Law. | 11.16 | ..... | 68,000 00 | 48,960 00 | 7/18/16 | 53 | ..... | 4.23 | 12-14 | 26-28 | 20,788 |
| 1389 | St. Law. | 4.60 | ..... | 79,000 00 | 56,830 00 | 3/27/17 | ..... | ..... | 6.93 | 12-14 | 26-28 | 56,701 |
| 1390 | Monroe | 2.92 | ..... | 44,200 00 | 28,730 00 | 7/12/16 | 44 | ..... | 4.60 | 10-14 | 24-28 | 27,874 |
| 1391 | Monroe | 7.93 | ..... | 78,400 00 | 50,960 00 | 7/14/16 | 5 | ..... | 0.38 | 16 | 26 | 8,556 |
| *1392 | Monroe | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.54 | 16 | 26-28 | 24,109 |
| 1393 | Monroe | 5.27 | ..... | 73,000 00 | 47,450 00 | 7/17/16 | 4 | ..... | 8.67 | 10 | 30-32 | 21,619 |
| 1394 | Chem | 7.09 | ..... | 101,400 00 | 50,700 00 | 7/14/16 | 34 | ..... | 4.26 | 10 | Av. 36 | 24,963 |
| 1395 | Chem | 2.00 | ..... | 34,630 41 | 17,300 20 | 7/17/16 | 100 | 12/14/17 | 4.04 | 12-16 | 26-28 | 28,627 |
| 1396 | Nassau | 2.99 | ..... | 121,000 00 | 66,755 00 | 2/24/17 | 69 | ..... | 0.37 | 16 | 28 | 3,467 |
| *1397 | Jeff. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.86 | 16 | 32 | 8,124 |
| 1398 | Clinton | 10.46 | ..... | 124,600 00 | 104,664 00 | 7/11/16 | 100 | ..... | 4.28 | 14, 16 | 26-32 | 25,246 |
| 1399 | Seneca | 0.24 | ..... | 3,815 53 | 2,480 09 | 8/21/16 | 100 | 1/18/17 | 2.81 | 14, 16 | 26-32 | 22,844 |
| 1400 | Seneca | 4.89 | ..... | 67,290 00 | 43,680 00 | 8/21/16 | ..... | ..... | 2.99 | 16-20 | 28-50 | 32,361 |
| 1401 | Sens a. | 2.12 | ..... | 25,600 00 | 16,640 00 | 9/25/16 | ..... | ..... | 10.46 | 14 | 26 | 85,588 |
| *1402 | Genesee | 4.96 | ..... | ..... | ..... | 7/24/16 | ..... | ..... | 0.24 | 16-24 | 30 | 2,314 |
| 1403 | Genesee | 7.94 | ..... | 108,700 00 | 61,675 00 | 7/21/16 | 38 | ..... | 4.80 | 12-14 | 24-28 | 18,977 |
| 1404 | Albany | 5.62 | ..... | 74,801 19 | 48,589 42 | 7/14/16 | 109 | 1/ 3/18 | 2.12 | 14 | 28 | 17,451 |
| 1405 | Albany | 2.93 | ..... | ..... | ..... | 7/18/16 | 100 | 10/ 8/18 | 7.60 | 16 | 32 | 71,444 |
| 1406 | Wayne | 3.67 | ..... | 39,880 97 | 25,820 36 | 7/13/16 | 100 | 10/23/17 | 7.94 | 12, 14 | 24, 32 | 62,544 |
| 1407 | Wayne | 3.97 | ..... | 37,200 00 | 24,180 00 | 7/15/16 | 22 | ..... | 2.93 | 14 | 26 | 46,707 |
| 1408 | Otsego | 8.13 | ..... | 101,100 00 | 76,836 00 | 8/19/16 | 6 | ..... | 3.67 | 14 | 28 | 24,048 |
| 1409 | Otsego | 7.87 | ..... | 140,200 00 | 92,264 00 | 7/17/16 | 70 | ..... | 2.28 | 12 | 24 | 16,24 |
| *1410 | Essex | 1.76 | ..... | 23,262 39 | 18,085 12 | 7/20/16 | 100 | 1/30/17 | 1.69 | 12 | 24 | 11,93 |
| 1411 | Essex | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8.13 | 14 | 24 | 66,77 |
| 1412 | Dutchess | 0.57 | ..... | 9,359 59 | 6,083 73 | 7/14/16 | 100 | 2/15/17 | 0.62 | 14 | 26, 28 | 5,10 |
| 1413 | Oswego | 2.04 | ..... | 28,584 78 | 19,437 65 | 7/18/16 | 100 | 11/ 8/17 | 0.53 | 14 | 26 | 53,61 |
| 1414 | Cayuga | 5.45 | ..... | 82,200 00 | 53,430 00 | 8/21/16 | ..... | ..... | 0.72 | 14-40 | 16-43 | 14,81 |
| 1415 | Ontario | 3.95 | ..... | 44,300 00 | 28,795 00 | 8/16/16 | 93 | ..... | 1.76 | 14, 16 | 26 | 15,45 |
| 1416 | Seneca | 2.63 | ..... | 30,737 80 | 19,879 37 | 8/21/16 | 100 | 9/28/17 | 0.87 | 16 | 28 | 5,31 |
| 1417 | Ulster | 3.11 | ..... | 48,767 42 | 28,448 82 | 11/11/16 | 100 | 2/ 6/18 | 1.22 | 14, 18 | 28 | 10,17 |
| | | | | | | | | | 0.05 | 14 | 28 | 36 |
| | | | | | | | | | 0.77 | 14, 18 | 28 | 6,35 |
| | | | | | | | | | 5.45 | 14 | 28 | 48,04 |
| | | | | | | | | | 3.95 | 12, 16 | 32 | 37,60 |
| | | | | | | | | | 2.63 | 14 | 26 | 31,60 |
| | | | | | | | | | 3.11 | 10-14 | 24-28 | ..... |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|---------------|-------|-----------|----------------|-----------|-----------------------------|-----------------------------|------------------|-------|-------------|------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| St. | 5 Li. | 3 | Sc. water | Ca.Cl. | 0.888 | 11,500 | | | | 1367 | |
| Lo. St. | 4 Li. | 3 | Sc. water | | 0.715 | 14,650 | | | | 1368 | |
| Li. | 4 Li. | 3 | Sc. water | | 0.763 | 15,040 | | | | 1369 | |
| S. Con. (9) | 6 Br. (10) | 4 | | | 2.434 | 29,661 | | | | 1370 | |
| St. Grv. | 6 Imp. St. | 3 | Sc. water | CT. (17) | 0.884 | 17,370 | | | | 1371 | |
| Li. | 4 Li. | 3 | Sc. water | T. (17) | 1.474 | 20,220 | | | | 1372 | |
| | F. Con. (3) | 6-P | | | 1.083 | 14,649 | | | | 1373 | |
| Fil. | 9 Li. | 3 | Sc. water | T. (17) | 1.127 | 13,450 | | | | 1374 | |
| Sub. | 6 App. St. | 3 | Asp. () | | | | | | | 1375 | |
| Sub. | 6 Fld. | 3 | Sc. water | T | | | | | | 1376 | |
| S. Con. | 5 Br. | 4 | | | | | | | | 1377 | |
| Sub. | 5 Li. | 3 | Asp. | | | | | | | 1378 | |
| Sub. | 5 Li. | 3 | Sc. water | Ca.Cl. | | | | | | 1379 | |
| S. Con. | 5 Br. | 4 | | | 2.370 | 20,603 | | | | 1380 | |
| S. Con. | 6 Br. | 4 | | | 2.158 | 26,854 | | | | 1381 | |
| | F. Con. | 6-P | | | 1.268 | 18,500 | | | | 1382 | |
| | F. Con. | 6-P | | | 1.647 | 19,910 | | | | 1383 | |
| | | | | | | | | | | 1384 | |
| | | | | | | | | | | 1385 | |
| | | | | | | | | | | 1386 | |
| Gn. | 3 Gn. | 3 | Asp. (10) | | 0.948 | 12,460 | | | | 1387 | |
| Sub. | 6 Lo. St. | 3 | Asp. | | 0.944 | 12,700 | | | | 1388 | |
| Lo. St. | 3 Lo. St. | 3 | Asp. | | 0.850 | 11,820 | | | | 1389 | |
| | F. Con. | 6-P | | | 1.408 | 20,570 | | | | 1390 | |
| Sub. & App. St. | 9 Li. | 3 | Sc. water | Ca.Cl. | 1.028 | 15,920 | | | | 1391 | |
| App. St. | 5 Li. | 3 | Sc. water | Ca.Cl. | 0.901 | 14,730 | | | | 1392 | |
| Lo. St. | 5 Li. | 3 | Sc. water | T. | 0.827 | 11,246 | | | | 1393 | |
| Lo. St. | 5 Grn. | 3 | Sc. water | T. | 0.827 | 11,246 | | | | 1394 | |
| St., Grv. (16) | 5 Li. | 3 | Sc. water | Ca.Cl. | 0.778 | 11,657 | | | | 1395 | |
| | F. Con. (16) | 7 | Sc. water | Ca.Cl. | 0.417 | 8,568 | | | | 1396 | |
| Sub. | 6 Li. | 3 | Sc. water | T. | 1.361 | 17,430 | | | | 1397 | |
| App. St. | 4 Li. | 3 | Sc. water | T. | 0.877 | 14,030 | | | | 1398 | |
| Sub. | 6 Li. | 3 | Sc. water | T. | 1.161 | 16,700 | | | | 1399 | |
| S. Con. | 5 Asp. Blk. | 2 | | | 0.700 | 12,750 | | | | 1400 | |
| | | | | | 2.378 | 33,565 | | | | 1401 | |
| App. St. | 4 App. St. | 3 | Asp. | | 0.791 | 12,884 | | | | 1402 | |
| Li. | 5 Li. | 3 | Asp. (2) | | 1.012 | 15,295 | | | | 1403 | |
| Imp. Li. | F. Con. | Av. 6 | | | 1.200 | 14,990 | | | | 1404 | |
| Li. | 5 Imp. Li. | 3 | Sc. water | Ca.Cl. | 0.896 | 12,980 | | | | 1405 | |
| Li. | 5 App. St. | 3 | Sc. water | T. | 1.016 | 14,120 | | | | 1406 | |
| Fld. 6 Lo. St. 2. | 5 Li. | 3 | Sc. water | T. | 0.744 | 14,140 | | | | 1407 | |
| Sub. 6 Li. 2. | 3 Lo. St. | 3 | Sc. water | T. (17) Ca.Cl. | | | | | | 1408 | |
| Lo. St. | 8 Li. | 3 | Sc. water | Ca.Cl. | 0.821 | 11,685 | | | | 1409 | |
| Grv. | 4 Lo. St. | 3 | Asp. (10) | | 0.821 | 11,685 | | | | 1410 | |
| Lo. St. | 6 Li. | 3 | Sc. water | Ca.Cl. | 0.742 | 10,912 | | | | 1411 | |
| Lo. St. | 4 Li. | 3 | Sc. water | Ca.Cl. | 0.820 | 11,644 | | | | 1412 | |
| App. St. | 4 Li. | 3 | Sc. water | CO | 0.807 | 13,485 | | | | 1413 | |
| Sub. | 4 Li. | 3 | Sc. water | CO | 1.130 | 16,630 | | | | 1414 | |
| S. Con. | 6 Li. | 3 | Sc. water | | 1.090 | 16,280 | | | | 1415 | |
| App. St. | 4 App. St. | 3 | Asp. (10) | | 1.164 | 16,950 | | | | 1416 | |
| | | | | | 0.975 | 13,670 | | | | 1417 | |
| Sub. | 7 F. Con. (3) | 6-P | | | 1.138 | 7,190 | | | | 1418 | |
| Lo. Li. | 3 Lo. Li. | 3 | Asp. (10) | | 0.868 | 14,930 | | | | 1419 | |
| Lo. Li. | 3 Lo. Li. | 3 | Asp. (10) | | 0.944 | 15,610 | | | | 1420 | |
| Lo. Li. | 3 Lo. Li. | 3 | Asp. (10) | | 0.797 | 14,260 | | | | 1421 | |
| Li. | 5 Li. | 7-P | | | 1.109 | 16,139 | | | | 1422 | |
| Li. | 5 Li. | 3 | Sc. water | T. | 0.746 | 11,150 | | | | 1423 | |
| Li. | 4 Li. | 3 | Sc. water | Ca.Cl. | 0.928 | 12,760 | | | | 1424 | |
| Fld. | 6 Lo. St. | 3 | T. (17) | | 0.896 | 14,885 | | | | 1425 | |
| (Shoulders) | Lo. St. | 4 | Sc. water | CT. (17) | 0.446 | | | | | 1426 | |

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1418 | Ulster... | 0.55 | ..... | \$17,607 24 | \$11,444 71 | 11/ 2/16 | 100 | 1/ 4/18 | 6.21 | 26, 14 | 36, 24 | 1,847 |
| 1419 | Ulster... | 3.17 | ..... | 47,200 00 | 30,095 00 | 8/21/16 | 17 | ..... | 0.34 | 14 | 24, 38 | 2,886 |
| 1420 | Schuyler... | 3.01 | ..... | 38,100 00 | 28,880 00 | 11/ 2/16 | 80 | ..... | 2.35 | 14 | 26, 28 | 19,269 |
| 1421 | Renss... | 7.20 | ..... | 108,700 00 | 70,655 00 | 8/16/16 | 51 | ..... | 0.82 | 14 | 24 | 6,782 |
| 1422 | Renss... | 4.88 | ..... | ..... | ..... | 8/21/16 | 100 | 11/ 8/18 | 3.01 | 14 | 26 | 24,683 |
| *1423 | Renss... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.20 | 14 | 20-26 | 59,124 |
| *1424 | Renss... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.78 | 12, 16 | 24-26 | 21,453 |
| *1425 | Renss... | 2.97 | ..... | 42,000 00 | 27,300 00 | 11/24/16 | 58 | ..... | 2.10 | 12 | 24-26 | 16,217 |
| *1426 | Renss... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1427 | Oswego... | 0.55 | ..... | 10,416 55 | 6,359 58 | 8/22/16 | 100 | 10/ 2/17 | 0.03 | 16 | 28 | 296 |
| 1428 | Oswego... | 6.36 | ..... | 86,200 00 | 57,460 00 | 1/22/16 | 33 | ..... | 0.52 | 16 | 28 | 4,939 |
| *1429 | Orleans... | 1.32 | ..... | ..... | ..... | 8/24/16 | 100 | 5/ 6/18 | 5.41 | 14 | 24-32 | 44,550 |
| 1430 | Orleans... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.95 | 14 | 32 | 7,738 |
| 1431 | Tomp... | 3.37 | ..... | 47,100 00 | 31,086 00 | 8/22/16 | 2 | ..... | 1.10 | 32 | 32 | 20,784 |
| 1432 | Tomp... | 0.43 | ..... | 5,817 19 | 3,836 05 | 8/21/16 | 100 | 1/8 /18 | 0.22 | 40-57 | 40-57 | 7,654 |
| 1433 | Tomp... | 5.86 | ..... | 99,200 00 | 60,522 00 | 8/24/16 | 22 | ..... | 0.43 | 12-14 | 24 | 24,585 |
| 1434 | Tomp... | 0.61 | ..... | 16,297 32 | 5,697 04 | 8/21/16 | 100 | 8/31/17 | 0.16 | 12 | 22 | 3,063 |
| 1435 | Cort... | 6.07 | ..... | 85,000 00 | 59,500 00 | 8/22/16 | ..... | ..... | 0.16 | 45-16 | 48-32 | 2,773 |
| 1436 | Wash... | 1.43 | ..... | ..... | ..... | 8/17/16 | 100 | 9/14/18 | 0.30 | 16-14 | 32-26 | 2,799 |
| 1437 | Wash... | 4.58 | ..... | ..... | ..... | 8/24/16 | 100 | 8/14/18 | 5.40 | 16 | 26 | 44,375 |
| 1438 | Wash... | 6.98 | ..... | 113,000 00 | 81,360 00 | 8/21/16 | 4 | ..... | 0.49 | 16 | 26 | 4,565 |
| 1439 | Dela... | 6.51 | ..... | 98,400 00 | 74,304 00 | 9/25/16 | 10 | ..... | 0.12 | 24-30 | 24-30 | 1,964 |
| 1440 | Dela... | 3.39 | ..... | 50,800 00 | 39,388 00 | 8/21/16 | ..... | ..... | 3.67 | 14 | 24-26 | 30,181 |
| 1441 | Dela... | 4.31 | ..... | 79,000 00 | 50,654 00 | 8/21/16 | ..... | ..... | 2.40 | 14 | 24-26 | 19,775 |
| *1442 | Lewis... | 5.09 | ..... | ..... | ..... | 8/21/16 | 100 | 10/24/18 | 0.90 | 28-44 | 28-44 | 14,863 |
| 1443 | Erie... | 3.75 | ..... | ..... | ..... | 8/21/16 | 100 | 8/30/18 | 0.53 | 16 | 26 | 5,181 |
| 1444 | Erie... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.98 | 14-16 | 26 | 60,198 |
| *1445 | Erie... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.51 | 12-20 | 24, 22 | 49,771 |
| *1446 | Erie... | 4.51 | ..... | 82,800 00 | 53,820 00 | 5/ 9/17 | 98 | ..... | 3.39 | 14-30 | 26-42 | 32,084 |
| 1447 | Erie... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.06 | 20-40 | 20-40 | 18,754 |
| 1448 | Rock... | 8.59 | ..... | 77,243 35 | 50,206 10 | 8/21/16 | 100 | 1/ 8/18 | 2.50 | 14 | 22 | 20,544 |
| 1449 | Broome... | 5.35 | ..... | 80,200 00 | 40,100 00 | 4/16/17 | 6 | ..... | 0.75 | 16 | 26 | 6,969 |
| 1450 | Broome... | 6.93 | ..... | 125,000 00 | 62,500 00 | 2/27/17 | 8 | ..... | 2.66 | 14 | 26-30 | 21,841 |
| 1451 | Broome... | 4.70 | ..... | 59,600 00 | 29,800 00 | 8/21/16 | 35 | ..... | 1.84 | 14 | 30 | 15,094 |
| 1452 | Tioga... | 5.50 | ..... | 82,700 00 | 61,198 00 | 8/21/16 | 45 | ..... | 0.65 | 16 | 26 | 6,338 |
| 1453 | Schenec... | 1.94 | ..... | 22,553 18 | 14,659 18 | 8/21/16 | 100 | 9/12/17 | 7.28 | 14 | 24 | 59,833 |
| 1454 | Schenec... | 6.33 | ..... | 87,300 00 | 56,745 00 | 8/18/16 | 35 | ..... | 0.36 | 16 | 26 | 3,351 |
| 1455 | Putnam... | 3.41 | ..... | 47,109 11 | 36,820 92 | 9/25/16 | 100 | 1/ 2/18 | 0.30 | 14 | 24 | 2,434 |
| *1456 | West... | 4.62 | ..... | 75,100 00 | 48,815 00 | 9/28/16 | 42 | ..... | 5.35 | 12, 16 | 24, 28 | 39,107 |
| *1457 | West... | 1.47 | ..... | 20,747 96 | 10,368 98 | 9/25/16 | 100 | 10/23/17 | 6.93 | 14 | 26 | 57,141 |
| *1458 | Hamil... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.70 | 14 | 26 | 38,784 |
| 1459 | Livingst... | 6.74 | ..... | 115,700 00 | 77,935 00 | 10/28/16 | 98 | ..... | 5.50 | 14 | 26 | 45,178 |
| 1460 | Saratoga... | 5.63 | ..... | 73,000 00 | 67,160 00 | 10/28/16 | 4 | ..... | 1.94 | 12, 14 | 24, 26 | 14,254 |
| *1461 | Saratoga... | 1.80 | ..... | 32,900 00 | 21,385 00 | 5/ 9/17 | 90 | ..... | 6.53 | 14 | 26 | 52,366 |
| *1462 | Oneida... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.41 | 16 | 26 | 32,880 |
| 1463 | Sullivan... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.62 | 14-16 | 28 | 42,706 |
| 1464 | Ulster... | 2.70 | ..... | 39,367 63 | 25,588 96 | 10/ 3/16 | 100 | 1/24/18 | 1.43 | 14 | 32-30 | 12,039 |
| 1465 | Ulster... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.03 | 14 | 32 | 253 |
| | | | | | | | | | 6.74 | 16 | 26-30 | 43,378 |
| | | | | | | | | | | | | |
| | | | | | | | | | 5.63 | 14 | 26 | 47,281 |
| | | | | | | | | | 1.53 | 14 | 26 | 12,588 |
| | | | | | | | | | 0.27 | 14 | 22-26 | 2,208 |
|  |  |  |  |  |  |  |  |  | ..... | 14 | 26 | 25,077 |

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|--------------|-----------|-----------|-----------------------------|-----------------------------|------------------|-------|------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| S. Con. | 5 | St. Blk. | 5 | | 2.586 | 48,040 | | | | 1418 |
| | | F. Con. | 6-P | | 1.058 | 24,310 | | | | 1419 |
| | | F. Con. (11) | 6-P | | 0.982 | 16,111 | | | | 1420 |
| Lo. St. | 5 | Lo. St. | 5 | T. | 0.721 | 13,661 | | | | 1421 |
| Sub. | 6 | Lo. St. | 5 | T. | 0.701 | 12,370 | | | | 1422 |
| Sub. 6, App. St. 2 | 8 | Imp. Li. | 8 | Ca. Cl. | 0.928 | 15,450 | | | | *1423 |
| App. St. | 4 | App. St. | 5 | | | | | | | *1424 |
| Grv. | 6 | App. St. | 5 | | | | | | | 1425 |
| | | | | | | | | | | *1426 |
| Grv. 5, Li. 3 | 8 | Li. | 3 | Sc. water | 1.022 | 15,355 | | | | 1427 |
| | | Li. | 3 | Sc. water | 0.405 | 14,230 | | | | 1428 |
| Grv. | 9 | Li. | 3 | Ca. Cl. | 0.809 | 18,020 | | | | *1429 |
| Lo. St. | 5 | Lo. St. | 3 | App. | 1.006 | 15,065 | | | | 1430 |
| | | Imp. Li. | 3 | App. | 0.639 | 11,620 | | | | *1431 |
| S. Con. (10) | 5 | Br. (22) | 4 | | | | | | | 1432 |
| S. Con. (10) | 5 | St. Blk. | 5 | | | | | | | 1433 |
| Sub. | 6 | Li. | 3 | Sc. water | 1.003 | 16,072 | | | | 1434 |
| Sub. | 6 | Li. | 3 | Sc. water | 0.75 | 15,951 | | | | 1435 |
| S. Con. | 5 | Br. | 4 | App. | 2.167 | 27,160 | | | | 1436 |
| Sub. | 6 | Li. | 3 | App. | 0.947 | 15,708 | | | | 1437 |
| Sub. | 6 | Li. | 3 | Sc. water | 0.971 | 16,017 | | | | 1438 |
| Li. | 4 | Li. | 3 | App. (10) | 1.265 | 21,780 | | | | 1439 |
| S. Con. (20) | 5 | Br. | 4 | | 2.354 | 28,785 | | | | 1440 |
| Imp. St. | 4 | Li. | 3 | Sc. water | 0.878 | 15,221 | | | | 1441 |
| Lo. St. | 4 | Li. | 3 | Sc. water | 0.819 | 14,667 | | | | *1442 |
| S. Con. (9) | 6 | Br. | 4 | | | | | | | 1443 |
| App. St. | 4 | App. St. | 3 | Sc. water | 0.607 | 9,595 | | | | 1444 |
| Lo. St. | 4 | Lo. St. | 3 | Sc. water | 0.983 | 16,898 | | | | 1445 |
| Sub. 6, App. St. 2 | 8 | App. St. | 3 | Sc. water | 0.976 | 16,352 | | | | 1446 |
| Sub. | 6 | Lo. St. | 3 | App. | 0.867 | 14,244 | | | | 1447 |
| Sub. | 6 | Sat. | 24 | T. | 1.194 | 17,242 | | | | 1448 |
| Lo. St. | 4 | Tr. | 3 | App. | 0.866 | 14,163 | | | | 1449 |
| Sub. | 6 | Lo. St. | 3 | App. | 1.094 | 16,303 | | | | *1450 |
| Old Mac., Lo. St. | 3 | Tr. | 24 | App. | | | | | | 1451 |
| Si. | 5 | St. | 3 | Sc. water | | | | | | *1452 |
| App. St. | 5 | App. St. | 3 | Sc. water | | | | | | 1453 |
| | | | | | | | | | | *1454 |
| Si. | 5 | App. St. | 3 | Sc. water | 1.243 | 18,140 | | | | *1455 |
| | | F. Con. | 6 | | 1.533 | 20,860 | | | | 1456 |
| Gn. | 4 | Gn. | 3 | Sc. water | 0.730 | 9,130 | | | | 1457 |
| Tr. | 4 | Tr. | 3 | Sc. water | 0.736 | 9,130 | | | | 1458 |
| Fld. | 8 | Gn. | 3 | Sc. water | 0.829 | 10,050 | | | | 1459 |
| Fld. | 8 | Tr. | 3 | Sc. water | 0.829 | 10,050 | | | | 1460 |
| Sub. | 6 | Lo. St. | 24 | T. | 1.277 | 17,840 | | | | *1461 |
| Sat. | 4 | Sat. | 3 | App. | 1.111 | 19,253 | | | | 1462 |
| Sub. | 6 | Sat. | 3 | App. | 0.835 | 13,106 | | | | 1463 |
| Sub. | 6 | Li. | 3 | Sc. water | 0.870 | 15,800 | | | | 1464 |
| Grv. 6, App. St. 3 | 9 | App. St. | 3 | Sc. water | 0.969 | 13,630 | | | | 1465 |
| Sub. 6, Lo. St. 2 | 8 | Li. | 3 | Ca. Cl. | 1.043 | 14,935 | | | | 1466 |
| Fld. | 6 | Gn. | 3 | App. (10) | 0.837 | 13,630 | | | | 1467 |
| | | F. Con. | 6-P | | 1.161 | 15,791 | | | | *1468 |
| Sub. | 6 | Li. | 3 | Sc. water | 0.939 | 14,640 | | | | 1469 |
| Sub. | 6 | Li. | 3 | Sc. water | 1.428 | 19,275 | | | | 1470 |
| | | F. Con. | 6-P | | 1.150 | 16,071 | | | | *1471 |
| Sub. | 6 | Sat. | 6 | App. | 0.895 | 13,809 | | | | 1472 |
| Li. | 4 | Li. | 3 | App. | 0.940 | 19,645 | | | | 1473 |
| Li. | 4 | Li. | 3 | Sc. water | 0.711 | 17,580 | | | | 1474 |
| Sub. | 6 | Dol. | 3 | App. (10) | 0.890 | 15,130 | | | | 1475 |

APPENDIX A—COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|-------------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 1466 | Monroe | | 6.33 | \$79,400 00 | \$51,610 00 | 10/31/16 | 41 | | 6.33 | 16 | 32 | 60,480 |
| *1467 | Scho | | | | | | | | | | | |
| *1468 | Albany | | | | | | | | | | | |
| 1469 | Monroe | | 4.94 | 93,000 00 | 51,350 00 | 10/31/16 | 39 | | 0.42 4.52 | 20 14 | 24 26 | 5,135 37,268 |
| *1470 | Chat | | | | | | | | | | | |
| *1471 | Chat | | | | | | | | | | | |
| *1472 | Scho | | | | | | | | | | | |
| 1473 | Chen | 3.06 | | 50,700 00 | 25,350 00 | 10/31/16 | 21 | | 3.06 | 12 | 22-24 | 21,932 |
| 1474 | Steuben | 4.99 | | 56,000 00 | 38,080 00 | 10/28/16 | | | 4.99 | 12 | 24 | 35,119 |
| 1475 | Steuben | 6.00 | | 83,400 00 | 56,712 00 | 10/28/16 | | | 6.00 | 10 | 24 | 35,202 |
| 1476 | Steuben | 4.00 | | 58,400 00 | 39,712 00 | 10/28/16 | | | 4.00 | 10 | 24 | 25,023 |
| 1477 | Steuben | 2.83 | | 57,437 13 | 27,103 67 | 10/28/16 | 100 | 12/14/17 | 2.51 0.32 | 16-14 30-56 | 26 30-56 | 23,287 7,572 |
| 1478 | Sullivan | | 4.01 | 53,500 00 | 40,220 00 | 11/28/16 | | | 4.01 | 14 | 26 | 33,000 |
| *1479 | Cattar | | | | | | | | | | | |
| *1480 | Cattar | | | | | | | | | | | |
| *1481 | Monroe | | | | | | | | | | | |
| *1482 | Schenec | | | | | | | | | | | |
| *1483 | Sullivan | | | | | | | | | | | |
| 1484 | Jeff | 0.66 | | 14,200 00 | 8,450 00 | 5/31/17 | 99 | | 0.66 | 12-20 | 28,32 | 5,487 |
| *1485 | Otsego | | | | | | | | | | | |
| 1486 | Broome | 2.78 | | | | 2/26/17 | 100 | 11/29/18 | 0.77 2.01 | 14-40 14 | 26-43 26 | 7,240 16,504 |
| 1487 | Broome | 4.08 | | | | 2/26/17 | 100 | 8/ 8/18 | 1.51 2.57 | 14 14 | 26 26 | 12,429 21,197 |
| 1488 | Clinton | 5.95 | | | | 3/ 2/17 | 100 | 12/12/18 | 5.95 | 14 | 26 | 48,900 |
| *1489 | Clinton | | | | | | | | | | | |
| 1490 | Lewis | 5.37 | | | | 5/ 9/17 | 100 | 12/19/18 | 5.37 | 10 | 24 | 31,510 |
| 1491 | Erie | | 2.97 | 39,700 00 | 25,805 00 | 2/26/17 | 6 | | 2.97 | 14 | 29-33 | 24,372 |
| 1492 | Erie | 2.90 | | | | 3/ 1/17 | 100 | 11/23/18 | 2.90 | 12 | 24-30 | 20,412 |
| 1493 | Erie | | 3.02 | 41,000 00 | 26,650 00 | 2/26/17 | | | 3.02 | 12 | 30 | 21,222 |
| *1494 | Erie | | | | | | | | | | | |
| *1495 | Suffolk | | | | | | | | | | | |
| *1496 | Essex | | | | | | | | | | | |
| *1497 | Chenani | | | | | | | | | | | |
| *1498 | Mont | | | | | | | | | | | |
| 1499 | Monroe | | 4.56 | 88,000 00 | 57,200 00 | 2/24/17 | 25 | | 3.28 1.28 2.33 | 14, 16 16 | 28, 32 32 | 28, 648 12, 065 19, 104 |
| 1500 | Cortland | | 2.33 | 40,400 00 | 28,280 00 | 2/23/17 | 24 | | 0.24 | 10 | 22 | 1,422 |
| *1501 | Warren | | | | | 5/ 9/17 | 100 | 8/ 8/18 | | 10 | | |
| 1502 | Rock | 0.24 | | | | | | | | | | |
| *1503 | Wayne | | | | | | | | | | | |
| *1504 | Mont | | | | | | | | | | | |
| *1505 | Onon | | | | | | | | | | | |
| 1506 | Onon | | 5.52 | 71,500 00 | 46,475 00 | 5/ 9/17 | 95 | | 3.02 2.50 | 14 14 | 26 26 | 24,890 20,598 |
| *1507 | Onon | | | | | | | | | | | |
| *1508 | Orange | | | | | | | | | | | |
| *1509 | Cattar | | | | | | | | | | | |
| *1510 | Chen | | | | | | | | | | | |
| *1511 | Essex | | | | | | | | | | | |
| *1512 | Putnam | | | | | | | | | | | |
| *1513 | Putnam | | | | | | | | | | | |
| *1514 | Rock | | | | | | | | | | | |

* See list by counties.

1898 TO DECEMBER 31, 1918—(Concluded)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PRESENT PAYMENT | | | Highway No. |
|--------------------------------|-----------|----------|-----------|----------------|-----------|-----------------------------|-----------------------------|-----------------|-------|------|-------------|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| App. St. | 5 | App. St. | 3 | Sc., water | On.Cl. | 0.830 | 11,909 | | | | 1466 |
| | | | | | | | | | | | *1467 |
| | | | | | | | | | | | *1468 |
| S. Con. | 5 | Br. | 4 | | | 2.113 | 25,908 | | | | 1469 |
| | | F. Con. | 6-P | | | 1.431 | 18,606 | | | | *1470 |
| | | | | | | | | | | | *1471 |
| | | | | | | | | | | | *1472 |
| Sub. | 6 | App. St. | 3 | Asp. | | 0.972 | 19,606 | | | | 1473 |
| Sub. | 6 | Sl. | 3 | Sc., water | T. | 0.869 | 12,230 | | | | 1474 |
| Sub. | 6 | Set. | 3 | T. | | 0.914 | 15,952 | | | | 1475 |
| Sub. | 6 | Set. | 3 | Asp. | | 0.848 | 17,531 | | | | 1476 |
| Sub. | 6 | Li. | 3 | Asp. (10) | | 0.931 | 14,065 | | | | 1477 |
| S. Con. (6) | 5 | Br. (23) | 4 | | | 1.989 | 24,090 | | | | *1478 |
| Sub. | 6 | Lo. St. | 3 | T. | | 0.947 | 14,320 | | | | *1479 |
| | | | | | | | | | | | *1480 |
| | | | | | | | | | | | *1481 |
| | | | | | | | | | | | *1482 |
| | | | | | | | | | | | *1483 |
| Sub. | 8 | App. St. | 3 | Asp. | | 1.372 | 22,660 | | | | 1484 |
| | | | | | | | | | | | *1485 |
| | | | | | | | | | | | *1486 |
| Grv. 4, App St. 4 | 8 | Li. | 3 | Asp. | | | | | | | 1487 |
| Grv. | 0 | Li. | 3 | Sc., water | On.Cl. | | | | | | |
| Grv. | 8 | Set. | 3 | Asp. | | | | | | | |
| Fld. | 6 | Set. | 3 | Asp. | | | | | | | |
| Sub. | 5 | Lo. St. | 3 | Asp. | | | | | | | 1488 |
| | | | | | | | | | | | *1489 |
| Fld. | 8 | Gn. | 3 | Asp. | | 1.168 | 16,576 | | | | 1490 |
| Grv. | 5 | App. St. | 3 | Sc., water | On.Cl. | 0.862 | 12,837 | | | | 1491 |
| Sl. | 5 | App. St. | 3 | Sc., water | On.Cl. | 0.925 | 12,840 | | | | 1492 |
| Sl. | 5 | App. St. | 3 | Sc., water | On.Cl. | 1.240 | 16,040 | | | | 1493 |
| | | | | | | | | | | | *1494 |
| | | | | | | | | | | | *1495 |
| | | | | | | | | | | | *1496 |
| | | | | | | | | | | | *1497 |
| Sl. | 5 | Li. | 3 | Sc., water | Lig. | 0.994 | 18,215 | | | | *1498 |
| | | F. Con. | 6 | | | 1.443 | 22,335 | | | | 1499 |
| Lo. St. | 5 | Li. | 3 | Sc., water | Ca.Cl. | 0.986 | 17,840 | | | | |
| App. St. | 3 | App. St. | 3 | T. | | | | | | | *1500 |
| (Shoulders) | | App. St. | 4 | | | | | | | | *1501 |
| | | | | | | | | | | | 1502 |
| | | | | | | | | | | | *1503 |
| | | | | | | | | | | | *1504 |
| | | | | | | | | | | | *1505 |
| Imp. Li. | 4 | Imp. Li. | 3 | Li. Sc., water | On.Cl. | 0.962 | 14,430 | | | | 1506 |
| Lo. St. | 4 | Imp. Li. | 3 | Li. Sc., water | On.Cl. | 0.895 | 13,610 | | | | *1507 |
| | | | | | | | | | | | *1508 |
| | | | | | | | | | | | *1509 |
| | | | | | | | | | | | *1510 |
| | | | | | | | | | | | *1511 |
| | | | | | | | | | | | *1512 |
| | | | | | | | | | | | *1513 |
| | | | | | | | | | | | *1514 |

APPENDIX A — STATE HIGHWAYS

See page 189 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|---------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 8000 | Ulster... | 3.32 | | \$30,026 00 | \$30,026 00 | 2/ 7/10 | 100 | 11/ 5/10 | 3.32 | 16 | 28-32 | 30,228 |
| 5001 | Ulster... | 1.57 | | 22,572 38 | 22,572 38 | 2/17/10 | 100 | 11/29/10 | 1.47 | 16 | 26 | 13,778 |
| | | | | | | | | | 0.10 | 16 | 26 | 939 |
| 5002 | Rock... | 1.61 | | 22,366 92 | 22,366 92 | 2/17/10 | 100 | 11/29/10 | 1.61 | 16 | 26, 28 | 15,111 |
| | | | | | | | | | 1.02 | 16 | 28-32 | 22,674 |
| 5003 | West... | 3.44 | | 48,758 08 | 48,758 08 | 3/ 2/10 | 100 | 11/29/10 | 0.43 | 16 | 28-32 | 4,018 |
| | | | | | | | | | 1.99 | 16 | 28-32 | 5,582 |
| 5004 | Colum... | 2.64 | | 33,120 05 | 33,120 05 | 2/19/10 | 100 | 10/ 1/10 | 2.64 | 16 | 28, 32 | 24,802 |
| 5005 | Jeff... | 4.77 | | 61,128 81 | 61,128 81 | 2/18/10 | 100 | 10/29/10 | 4.77 | 16 | 28 | 44,731 |
| 5006 | Putnam... | 1.80 | | 30,536 82 | 30,536 82 | 3/ 2/10 | 100 | 7/ 6/11 | 1.80 | 16 | 28 | 16,889 |
| 5007 | Orange... | 3.28 | | 45,000 00 | 45,000 00 | 2/21/10 | 100 | 11/29/10 | 3.16 | 16 | 28-32 | 29,556 |
| | | | | | | | | | 0.12 | 16 | 28-32 | 889 |
| 5008 | Suffolk... | 3.55 | | 53,551 56 | 53,551 56 | 4/ 7/10 | 100 | 12/30/11 | 2.35 | 16 | 32 | 22,512 |
| | | | | | | | | | 1.20 | 16 | 32 | 11,634 |
| 5009 | Dutchess... | 1.67 | | 24,717 27 | 23,647 52 | 2/24/10 | 100 | 12/22/10 | 1.67 | 16, 22 | 26, 22 | 16,033 |
| 5010 | Albany... | 1.98 | | 30,016 89 | 30,016 89 | 2/21/10 | 100 | 11/25/10 | 1.98 | 16 | 30 | 18,556 |
| 5011 | Essex... | 3.45 | | 59,584 88 | 59,584 88 | 2/24/10 | 100 | 9/26/11 | 3.22 | 16 | 28, 32 | 30,169 |
| | | | | | | | | | 0.23 | 16 | 32 | 2,129 |
| 5012 | Cayuga... | 2.75 | | 39,213 18 | 39,213 18 | 2/24/10 | 100 | 12/10/10 | 2.75 | 16 | 32 | 25,813 |
| 5013 | Chen... | 3.62 | | 60,623 24 | 50,161 14 | 2/24/10 | 100 | 11/23/10 | 3.62 | 16-32 | 26, 36 | 38,358 |
| 5014 | Madison... | 3.19 | | 47,245 85 | 47,245 85 | 2/23/10 | 100 | 5/20/11 | 2.49 | 16 | 28-32 | 23,381 |
| | | | | | | | | | 0.70 | 16 | 32 | 6,578 |
| 5015 | Ontario... | 1.19 | | 27,812 57 | 25,840 16 | 4/ 9/10 | 100 | 11/15/10 | 0.56 | 16-30 | 32 | 5,815 |
| | | | | | | | | | 0.63 | 16 | 32 | 5,945 |
| 5016 | Onondaga... | 3.09 | | 41,544 99 | 41,544 99 | 2/24/10 | 100 | 1/10/11 | 1.98 | 16 | 32 | 18,578 |
| | | | | | | | | | 1.11 | 16 | 32 | 10,409 |
| 5017 | Wayne... | 2.95 | | 43,781 53 | 43,781 53 | 2/21/10 | 100 | 6/20/11 | 2.95 | 16 | 28-32 | 27,705 |
| 5018 | Yates... | 1.99 | | 26,515 82 | 26,515 82 | 2/24/10 | 100 | 10/ 3/10 | 1.99 | 16 | 30, 32 | 18,684 |
| 5019 | Erie... | 1.87 | | 38,468 29 | 38,468 29 | 2/28/10 | 100 | 5/20/11 | 1.87 | 16 | 28-32 | 17,686 |
| 5020 | Genesee... | 3.46 | | 42,264 76 | 42,264 76 | 2/24/10 | 100 | 11/ 5/10 | 3.46 | 16 | 32 | 32,471 |
| 5021 | Livingston... | 3.99 | | 48,174 26 | 48,174 26 | 2/23/10 | 100 | 12/ 6/10 | 1.44 | 16 | 32 | 13,483 |
| | | | | | | | | | 2.55 | 16 | 28 | 23,966 |
| 5022 | Broome... | 2.98 | | 44,813 99 | 44,813 99 | 2/21/10 | 100 | 1/23/11 | 2.98 | 14, 16 | 26 | 28,236 |
| 5023 | Allegany... | 2.82 | | 39,992 25 | 35,092 25 | 2/25/10 | 100 | 6/30/11 | 0.43 | 16 | 28 | 4,136 |
| | | | | | | | | | 2.39 | 16 | 28 | 22,404 |
| 5024 | Wyom... | 2.67 | | 37,020 94 | 37,020 94 | 2/24/10 | 100 | 11/ 9/10 | 2.67 | 16 | 28, 32 | 25,061 |
| 5025 | Orleans... | 2.46 | | 25,765 81 | 25,765 81 | 2/26/10 | 100 | 11/ 5/10 | 2.46 | 16 | 24-32 | 23,130 |
| 5026 | Steuben... | 3.48 | | 48,944 87 | 48,944 87 | 2/26/10 | 100 | 2/12/11 | 0.99 | 16 | 28 | 9,248 |
| | | | | | | | | | 2.49 | 16 | 28-32 | 23,468 |
| 5027 | Greene... | 1.94 | | 31,876 07 | 31,876 07 | 2/19/10 | 100 | 11/29/10 | 1.94 | 16 | 32 | 18,284 |
| 5028 | Mont... | 3.72 | | 134,267 04 | 100,062 86 | 2/21/10 | 100 | 1/31/12 | 2.72 | | | |
| 5029 | Renss... | 2.73 | | 49,368 71 | 49,368 71 | 2/19/10 | 100 | 11/ 9/10 | 2.73 | 16 | 32 | 26,071 |
| 5030 | Schenec... | 2.08 | | 23,604 52 | 23,604 52 | 2/19/10 | 100 | 9/ 3/10 | 2.08 | 16 | 32 | 19,565 |
| 5031 | Frank... | 3.09 | | 33,682 07 | 33,682 07 | 2/19/10 | 100 | 6/30/11 | 3.00 | 16 | 32 | 28,142 |
| 5032 | St. Law... | 5.00 | | 54,401 24 | 54,401 24 | 2/18/10 | 100 | 11/15/10 | 5.00 | 16 | 32 | 46,951 |
| 5033 | Wash... | 2.98 | | 34,375 85 | 34,375 85 | 2/14/10 | 100 | 12/ 3/10 | 2.98 | 16 | 30 | 27,813 |
| 5034 | Oneida... | 1.89 | | 18,627 31 | 18,627 31 | 2/21/10 | 100 | 9/28/10 | 1.89 | 16 | 32 | 13,403 |
| 5035 | Sullivan... | 2.43 | | 34,656 13 | 34,656 13 | 2/23/10 | 100 | 6/ 3/11 | 2.43 | 16 | 28 | 23,380 |
| 5036 | Lewis... | 2.61 | | 37,574 92 | 37,574 92 | 4/ 9/10 | 100 | 1/ 9/12 | 2.61 | 16 | 32 | 24,463 |
| 5037 | Oswego... | 3.50 | | 42,507 19 | 42,507 19 | 4/ 9/10 | 100 | 11/23/11 | 3.50 | 14 | 26 | 28,716 |
| 5038 | Hamilt... | 2.09 | | 52,948 02 | 52,948 02 | 4/ 9/10 | 100 | 12/30/11 | 2.00 | 16 | 28 | 18,756 |
| | | | | | | | | | 0.99 | 16 | 28 | 9,301 |
| 5039 | Albany... | 3.93 | | 73,544 61 | 73,544 61 | 4/ 9/10 | 100 | 8/31/11 | 3.93 | 16 | 28-32 | 37,368 |
| | | | | | | | | | 0.05 | 30 | 30 | 1,008 |
| 5040 | Renss... | 1.53 | | 53,920 91 | 26,006 00 | 4/ 7/10 | 100 | 12/13/10 | 0.55 | 26-50 | 26-50 | 14,588 |
| | | | | | | | | | 0.63 | 16-30 | 26-32 | 8,911 |
| 5041 | Ontario... | 2.40 | | 36,874 95 | 36,874 95 | 4/ 5/10 | 100 | 11/15/10 | 2.03 | 16 | 32 | 19,364 |
| | | | | | | | | | 0.35 | 16 | 32 | 3,263 |
| 5042 | Cayuga... | 0.31 | | 66,295 93 | 66,205 93 | 4/ 7/10 | 100 | 1/12/14 | 3.36 | 16 | 32 | 31,818 |
| 5043 | Seneca... | 2.92 | | | | | | | | | | |
| 5044 | Oswego... | 3.49 | | 39,213 41 | 39,213 41 | 4/ 7/10 | 100 | 11/18/10 | 3.17 | 16 | 26-32 | 29,696 |
| | | | | | | | | | 0.32 | 16 | | 3,040 |
| 5045 | Del'a... | 3.03 | | 58,656 72 | 58,656 72 | 4/ 5/10 | 100 | 9/12/11 | 3.03 | 16 | 26 | 28,515 |
| 5046 | Monroe... | 5.74 | | 62,046 21 | 62,046 21 | 4/ 5/10 | 100 | 7/15/11 | 5.74 | 16 | 28, 32 | 53,393 |

§ Highway No. 5038 was built of various types as an experimental pavement.

† Changed from original plans.

JANUARY 1, 1898 TO DECEMBER 31, 1918

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PARENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|------------|-----------|------------------|-----------------------------|-----------------------------|-----------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.732 | 9,155 | | | | 5000 |
| St. | 4 | Tr. | 3 | Asp. (10) | 0.906 | 14,450 | | | | 5001 |
| St. | 4 | Tr. | 2 | Asp. (10) | 0.797 | 13,424 | | | | |
| Fld. | 4 | Tr. | 12 | Asp. (10) | 0.831 | 13,750 | | | Oiled. | 5002 |
| Gn. | 4 | Gn. | 3 | Asp. (3) | 0.897 | 14,360 | | | | |
| Gn. | 4 | Gn. | 3 | Asp. (3) | 0.944 | 14,800 | | | Oiled. | 5003 |
| Gn. | 4 | Gn. | 3 | Asp. (3) | 0.850 | 13,920 | | | | |
| Qrs. | 4 | Qrs. | 2 | Asp. (10) | 0.856 | 12,395 | | | | 5004 |
| App. St. | 4 | Li. | 3 | Asp. (10) | 0.841 | 12,595 | | | Oiled. | 5005 |
| App. St. | 4 | App. St. | 13 | Asp. (10) | 0.871 | 16,320 | | | Oiled. | 5006 |
| Lo. St. | 3 | Tr. | 2 | Asp. (10) | 0.735 | 13,121 | | | Oiled. | 5007 |
| Old Mac. | 4 | Tr. | 2 | Asp. (10) | 0.496 | 10,875 | | | | |
| Grv. Con. (h) | 4 | Li. | 13 | Asp. (3) | 1.419 | 16,830 | | | | 5008 |
| Grv. Con. (h) | 4 | Tr. | 12 | Asp. (3) | 0.637 | 9,490 | 1914 | 1.20 | BM. MM.-2. | 5009 |
| App. St. | 4 | Tr. | 12 | Asp. (3) | 0.940 | 14,790 | | | Oiled. | 5010 |
| Li. | 4 | Li. | 13 | Asp. (3) (10) | 0.965 | 15,170 | 1916 | 1.06 | F. Con. | 5011 |
| St. | 4 | St. | 3 | Asp. (10) | 0.909 | 16,515 | 1917 | 0.92 | F. Con. | 5012 |
| S Con. (9) | 5 | Br. (17) | 4 | Asp. (10) | 2.303 | 29,604 | 1914 | 1.80 | BM. MM.-2. | 5013 |
| Li. | 34 | Tr. | 2 | Asp. (10) | 0.988 | 14,260 | 1915 | 0.19 | Bit. Mac. | 5014 |
| Set. | 4 | Tr. | 2 | Asp. (10) | 1.003 | 13,915 | | | | |
| Li. | 4 | Sy. | 2 | Asp. (2) | 0.973 | 13,743 | | | Oiled. | 5015 |
| Li. | 7 | Sy. | 2 | Asp. (3) | 1.322 | 16,615 | | | | |
| Grv. Con. (h) | 5 | Br. (20) | 4 | Asp. (10) | 2.180 | 28,205 | | | | 5016 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.875 | 15,955 | 1914 | 0.63 | Brick. | 5017 |
| Li. | 4 | Sy. | 2 | Trn. (10) (7) | 0.896 | 12,805 | | | Oiled. | 5018 |
| Sub. 6. Li. 3 | 9 | Sy. | 2 | Trn. (10) | 1.031 | 14,075 | | | | |
| Li. | av4 | Li. | 2 | Asp. (10) | 0.989 | 14,431 | | | Oiled. | 5017 |
| Sub. 5. Qst. 2 | 7 | Li. | 2 | Asp. (10) | 0.928 | 12,850 | | | | 5018 |
| S Con. (d) (3) | 5 | Br. (3) | 4 | Asp. (10) | 1.763 | 20,391 | | | | 5019 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.863 | 11,840 | 1915 | 1.68 | Bit. Mac. | 5020 |
| Li. | 4 | Li. | 2 | Asp. (2) | 0.690 | 12,610 | | | | 5021 |
| Rock Fill | 4 | Li. | 2 | Asp. (2) | 0.570 | 11,480 | | | | |
| Sub. | av6 | Tr. | 2 | Asp. (10) | 0.968 | 14,900 | 1917 | 2.71 | 3" Bit. Mac. | 5022 |
| Grv. Con. (d) | 5 | Br. | 4 | Asp. (10) | 2.300 | 25,530 | | | | 5023 |
| App. St. | 4 | App. St. | 2 | Asp. (10) | 0.847 | 11,890 | 1914 | 2.39 | Bit. Mac. | 5024 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.904 | 13,425 | | | Oiled. | 5025 |
| Set. | 4 | Set. | 2 | Asp. (10) | 0.668 | 10,140 | | | Oiled. | 5026 |
| Grv. Con. (d) (16) | 5 | Br. | 4 | Asp. (10) | 1.874 | 20,271 | | | | |
| St. | 4 | Li. | 2 | Asp. (10) | 0.914 | 11,255 | | | Oiled. | 5027 |
| Li. | 4 | Tr. | 2 | Asp. (10) | 0.859 | 15,650 | | | | 5028 |
| Tr. | 4 | Tr. | 3 | Asp. (10) | 1.139 | 17,940 | | | Oiled. | 5029 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.757 | 10,375 | | | Oiled. | 5030 |
| App. St. | 4 | App. St. | 2 | Asp. (10) | 0.793 | 10,890 | | | | 5031 |
| Lo. St. | 4 | Gm. Gn. | 2 | Asp. (10) | 0.743 | 10,505 | 1916 | 2.50 | 2" Bit. Mac. | 5032 |
| Ser. Grv. | 4 | Ser. Grv. | 2 | T(16) Asp(3)(10) | 0.693 | 11,345 | | | Oiled. | 5033 |
| App. St. | 4 | Li. or Sy. | 2 | Asp. (10) | 0.974 | 13,270 | | | Oiled. | 5034 |
| App. St. | av1 | Set. | 2 | Asp. (10) | 0.871 | 13,763 | | | Oiled. | 5035 |
| Li. | 4 | Li. | 3 | Trn. (1) | 0.779 | 13,581 | | | Oiled. | 5036 |
| App. St. | 4 | Li. | 2 | Asp. (10) | 0.882 | 13,190 | | | Oiled. | 5037 |
| App. St. | 4 | Ga. | 2 | Ber. (1) | 0.908 | 17,730 | | | Oiled. | 5038 |
| App. St. | 4 | Ga. | 2 | Ber. (1) | 0.818 | 16,981 | | | | |
| Li. | 4 | Li. | 3 | Asp. (10) | 0.830 | 18,240 | | | Oiled. | 5039 |
| S Con. (d) (9) | 6 | Gm. Blk. | 5 | | 2.170 | 24,751 | | | | |
| S Con. (d) (9) | 5 | Br. (17) | 4 | Asp. (1) | 2.311 | 25,970 | | | | 5040 |
| St. | 4 | Tr. | 2 | Asp. (10) | 0.876 | 12,610 | 1918 | 1.71 | Bit. Mac. | 5041 |
| Li. | 4 | Li. | 2 | Asp. (10) | 0.997 | 15,430 | | | | |
| Li. | 3 | Li. | 2 | Asp. (10) | 0.913 | 14,640 | 1919 | 0.11 | Bit. Mac. | 5042 |
| Li. | av4 | Li. | 2 | Asp. (10) | 0.914 | 18,361 | | | | |
| St. | 4 | Tr. Li. | 2 | Asp. (3) | 1.020 | 13,435 | 1917 | 2.59 | 2 1/2" Bit. Mac. | 5043 |
| St. | 4 | Tr. | 2 | Sc. Water | 0.855 | 11,855 | | | | 5044 |
| Lo. St. | av4 | Lo. St. | 2 | Asp. (10) | 0.758 | 11,215 | | | Oiled. | |
| Old Mac. | 4 | Lo. St. | 2 | Asp. (10) | 0.434 | 8,170 | | | | 5044 |
| App. St. | 4 | Tr. | 2 | Asp. (10) | 0.908 | 19,283 | | | Oiled. | 5045 |
| App. St. | 4 | Li. | 2 | Asp. (10) | 0.718 | 10,470 | | | Oiled. | 5046 |

APPENDIX A—STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5047 | Schuyler | 1.63 | ..... | \$23,980 50 | \$23,980 50 | 4/ 5/10 | 100 | 2/ 2/11 | 1.63 | 16 | 28 | 15,342 |
| 5048 | Chem | 2.50 | ..... | 37,567 27 | 37,567 27 | 4/ 5/10 | 100 | 8/ 8/12 | 2.50 | 16 | 28,33 | 23,442 |
| 5049 | Tioga | 2.56 | ..... | 30,437 49 | 30,437 49 | 4/ 7/10 | 100 | 12/13/10 | 2.56 | 16 | 28 | 24,049 |
| 5050 | Dutchess | 2.14 | ..... | 32,223 20 | 32,223 20 | 4/ 9/10 | 100 | 7/ 9/11 | 2.14 | 16 | 28 | 20,110 |
| 5051 | Nassau | 1.96 | ..... | 31,339 98 | 31,339 98 | 4/ 9/10 | 100 | 6/29/11 | 11.96 | 16 | 28,32 | 18,545 |
| 5052 | Oneida | 0.65 | ..... | 23,444 74 | 18,800 00 | 4/12/10 | 100 | 4/23/12 | 0.65 | 38, 28 | 18, 28 | 8, 596 |
| 5053 | Chautau | 2.84 | ..... | 36,158 03 | 36,158 03 | 4/ 7/10 | 100 | 6/ 3/11 | 2.84 | 16 | 28-32 | 23,822 |
| | | | | | | | | | 1.55 | 16 | 28-32 | 14,521 |
| | | | | | | | | | 0.29 | 16 | 28-32 | 2,698 |
| 5064 | Eric | 1.95 | ..... | 34,749 83 | 34,749 33 | 4/ 5/10 | 100 | 8/16/11 | 0.11 | 16 | 28-32 | 1,067 |
| | | | | | | | | | 1.63 | 16 | 28 | 15,398 |
| 5055 | Warren | 1.63 | ..... | 30,766 50 | 30,766 60 | 4/ 9/10 | 100 | 9/26/11 | 2.68 | 16 | 28-32 | 21,205 |
| 5056 | Clinton | 2.26 | ..... | 30,720 78 | 30,720 78 | 5/28/10 | 100 | 11/10/11 | 0.51 | 32-16 | 34-36 | 6,350 |
| 5057 | Chem | 0.51 | ..... | 12,536 64 | 8,780 28 | 5/28/10 | 100 | 7/15/11 | 0.66 | 16, 21 | 26 | 6,500 |
| | | | | | | | | | 1.13 | 16, 32 | 16, 32 | 18,740 |
| 5058 | Cort | 2.01 | ..... | 60,900 15 | 43,055 43 | 5/27/10 | 100 | 1/31/12 | 0.22 | 16, 32 | 32 | 3,654 |
| | | | | | | | | | 1.60 | 24, 28 | 35, 40 | 24,880 |
| 5059 | Oneida | 1.69 | ..... | 71,503 49 | 40,829 36 | 5/28/10 | 100 | 10/27/11 | 0.26 | 19-27 | 19-27 | 4,017 |
| 5060 | Herk | 0.68 | ..... | 22,538 79 | 13,892 50 | 6/ 4/10 | 100 | 1/23/11 | 0.42 | 16 | 32 | 8,952 |
| | | | | | | | | | 1.08 | 16-26 | 16-26 | 16,398 |
| 5061 | Eric | 1.68 | ..... | 36,015 29 | 23,082 59 | 9/ 2/10 | 100 | 12/31/11 | 1.21 | 16-69 | 30-65 | 24,061 |
| 5062 | Saratoga | 2.90 | ..... | 52,404 71 | 38,562 82 | 5/28/10 | 100 | 12/26/11 | 1.69 | 16 | 32 | 15,984 |
| | | | | | | | | | 12.46 | 16 | 39-43 | 23,068 |
| 5063 | Niagara | 2.46 | ..... | 58,882 89 | 58,882 89 | 5/28/10 | 100 | 11/23/11 | 1.56 | 16 | 26-32 | 14,688 |
| 5064 | Herk | 1.56 | ..... | 18,796 01 | 18,796 01 | 5/28/10 | 100 | 1/ 5/11 | 2.42 | 16 | 32 | 22,716 |
| 5065 | Fulton | 2.42 | ..... | 42,437 11 | 42,437 11 | 5/28/10 | 100 | 7/17/12 | 2.91 | 16 | 28, 32 | 27,334 |
| 5066 | Cattaraugus | 2.91 | ..... | 33,345 54 | 33,345 54 | 5/28/10 | 100 | 12/ 6/10 | 1.06 | 36-45 | 36-45 | 19,932 |
| 5067 | Chau | 1.06 | ..... | 47,828 60 | 22,771 16 | 6/21/10 | 100 | 6/30/11 | | | | |
| | | | | | | | | | 1.48 | 16-45 | 28-46 | 17,970 |
| 5068 | Warren | 1.48 | ..... | 29,042 40 | 22,873 00 | 5/28/10 | 100 | 9/25/11 | 2.03 | 16 | 26-32 | 19,090 |
| 5069 | Herk | 2.03 | ..... | 20,544 32 | 20,544 32 | 8/ 9/10 | 100 | 12/14/11 | 0.60 | 16-42 | 42-48 | 55,381 |
| 5070 | Wayne | 0.60 | ..... | 21,473 75 | 21,473 75 | 8/ 9/10 | 100 | 12/14/11 | 8.67 | 16 | 28, 32 | 61,398 |
| 5071 | Eric | 2.61 | ..... | 163,698 17 | 58,893 17 | 6/13/12 | 100 | 2/ 1/14 | | | | |
| 5072 | Colum | 3.59 | ..... | 113,760 16 | 113,760 16 | 3/22/11 | 100 | 3/15/12 | 4.32 | 16 | 32 | 40,592 |
| 5073 | Colum | 5.08 | ..... |  |  |  |  |  | 0.53 | 16 | 28, 32 | 5,010 |
| 5074 | Colum | 4.32 | ..... | 51,905 06 | 51,905 06 | 3/31/11 | 100 | 11/28/11 | 5.20 | 16 | 32, 40 | 48,782 |
| 5075 | Cort | 0.53 | ..... | 8,124 56 | 8,124 56 | 3/31/11 | 100 | 8/16/11 | 3.08 | 16 | 32 | 28,871 |
| 5076 | Franklin | 5.20 | ..... | 64,048 37 | 64,048 37 | 3/22/11 | 100 | 12/26/11 | 1.04 | 16 | 32 | 9,707 |
| 5077 | Lewis | 3.08 | ..... | 38,810 39 | 38,810 39 | 4/ 9/10 | 100 | 8/23/12 | 1.23 | 16 | 32 | 11,556 |
| | | | | | | | | | 0.29 | 16 | 32 | 2,743 |
| 5078 | Madison | 2.56 | ..... | 39,387 57 | 39,387 57 | 3/23/11 | 100 | 12/ 7/11 | 1.44 | 16 | 32 | 13,509 |
| | | | | | | | | | 3.00 | 16 | 26, 32 | 28,165 |
| 5079 | Oneida | 1.44 | ..... | 22,285 66 | 22,285 66 | 3/29/11 | 100 | 8/16/12 | 5.26 | 16 | 32 | 49,364 |
| 5080 | Onondaga | 3.00 | ..... | 36,280 89 | 36,280 89 | 3/23/11 | 100 | 12/ 7/11 | 2.91 | 16 | 26, 32 | 27,349 |
| 5081 | Ontario | 5.26 | ..... | 76,282 93 | 76,282 93 | 3/25/11 | 100 | 12/26/11 | 2.61 | 16 | 32 | 24,460 |
| 5082 | Oswego | 2.91 | ..... | 45,732 25 | 45,732 25 | 3/23/11 | 100 | 11/23/11 | 2.90 | 16 | 32 | 27,218 |
| 5083 | Oswego | 2.61 | ..... | 37,527 22 | 37,527 22 | 3/23/11 | 100 | 10/15/12 | 4.51 | 16 | 32 | 42,350 |
| 5084 | Rensselaer | 2.90 | ..... | 39,403 82 | 39,403 82 | 3/25/11 | 100 | 1/ 7/12 | 0.03 | 16 | ..... | 254 |
| 5085 | Saratoga | 4.51 | ..... | 58,945 16 | 58,945 16 | 12/ 6/11 | 100 | 11/18/13 | 1.96 | 16 | 28 | 18,441 |
| | | | | | | | | | 3.06 | 16 | 32-28 | 28,733 |
| 5086 | Echo | 5.05 | ..... | 74,283 02 | 74,283 02 | 3/27/11 | 100 | 12/31/12 | 5.77 | 16 { 12 | 32 | 41,137 |
| | | | | | | | | | | | | 12,991 |
| 5087 | Seneca | 5.77 | ..... | 77,195 28 | 77,195 28 | 5/23/11 | 100 | 12/18/14 | 1.53 | 16 | 26 | 14,382 |
| | | | | | | | | | 4.43 | 16 | 28-32 | 42,605 |
| 5088 | Warren | 1.53 | ..... | 25,702 68 | 25,702 68 | 3/25/11 | 100 | 9/26/11 | 4.40 | 16 | 32 | 41,664 |
| 5089 | Wayne | 4.43 | ..... | 72,507 40 | 72,507 40 | 4/13/11 | 100 | 11/19/12 | 1.08 | 33-39 | 34-41 | 14,294 |
| 5090 | Genesee | 4.46 | ..... | 54,395 45 | 54,395 45 | 3/25/11 | 100 | 10/15/12 | 4.15 | 16 | 28-30 | 38,972 |
| 5091 | Oneida | 1.08 | ..... | 43,243 51 | 27,401 93 | 4/24/12 | 100 | 12/17/12 | | | | |
| 5092 | Dutchess | 4.16 | ..... | 51,792 70 | 51,792 70 | 4/25/11 | 100 | 12/30/11 | | | | |
| *5093 | Monroe | ..... | ..... |  |  |  |  |  | 2.49 | 16 | 32 | 23,387 |
| 5094 | Steuben | 2.49 | ..... | 24,839 79 | 24,839 70 | 4/29/11 | 100 | 11/23/11 | 1.33 | 16 | 26, 30 | 12,469 |
| 5095 | Dutchess | 1.33 | ..... | 12,644 75 | 12,644 75 | 4/25/11 | 100 | 8/16/11 | 0.25 | 16 | ..... | 2,347 |
| 5096 | Fulton | 0.64 | ..... | 46,912 68 | 46,912 68 | 5/ 2/11 | 100 | 8/12/12 | 1.82 | 16 | 26, 32 | 26,483 |
| 5097 | Mont | 2.43 | ..... |  |  |  |  |  | 1.06 | 16 | 32 | 9,958 |
| 5098 | Monroe | 1.96 | ..... | 10,007 26 | 10,007 26 | 4/29/11 | 100 | 12/14/11 | 1.14 | 16-80 | 28-80 | 14,176 |
| 5099 | Putnam | 1.14 | ..... | 18,483 32 | 15,216 48 | 4/25/11 | 100 | 1/22/12 | 0.36 | 16-32 | 32 | 5,121 |
| 5099 | Cattaraugus | 0.36 | ..... | 14,625 02 | 8,602 44 | 5/26/11 | 100 | 12/26/11 | | | | |

*See Appendix B, list by counties.

§ Contract No. 5070 was entirely for preparing a stable foundation across a swamp p

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|---------------|-----------|----------------------|-----------------------------|-----------------------------|------------------|--------------|----------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 18'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| App. St. | 4 | Tr. | 2 | Ber. (1) | 1.050 | 14.550 | | | Oiled | 5047 |
| App. St. | 4 | Tr. | 2 | Asp. (1) | 1.132 | 14.370 | | | Oiled | 5048 |
| App. St. | 4 | Tr. | 2 | Asp. (10) | 0.899 | 11.748 | | | Oiled | 5049 |
| App. St. | 4 | Li. | 3 | Asp. (10) | 0.833 | 14.809 | | | Oiled | 5050 |
| Tr. | 4 | Tr. | 3 | Asp. (10) | 1.162 | 15.050 | | | Oiled | 5051 |
| S Con. (d) (1, 8) | 5 | Br. (20) | 4 | | 1.050 | 26.041 | | | | 5052 |
| Li. | 4 | Li. | 2 | Asp. (1) | 1.018 | 13.100 | | | Oiled | 5053 |
| Li. | 4 | Li. | 2 | Trn. (1) | 0.997 | 16.330 | | | | |
| Li. | 4 | Li. | 4 | Trn. (1) | 1.432 | 20.330 | | | Oiled | 5054 |
| Li. | 4 | Li. | 3 | Trn. (1) | 1.215 | 18.300 | | | | |
| Gn. | 4 | Gn. | 3 | Asp. (10) (1) | 0.770 | 18.377 | | | Oiled | 5055 |
| Set. | 4 | App. St. | 3 | Asp. (1) T. (16) | 0.980 | 17.026 | | | Oiled | 5056 |
| Li. | 5 | Tr. | 2 | Asp. (10) T. (16) | 1.268 | 17.317 | | | Oiled | 5057 |
| Li. | 4 | Tr. | 2 | Asp. (3) | 1.407 | 18.340 | | | Oiled | |
| Grv. Con. (d) (9) | 5 | Br. (31) (3) | 4 | | 1.983 | 24.240 | | | | 5058 |
| Grv. | 3 | LL, Tr. | 2 | Asp. (3) | 0.925 | 14.310 | | | Oiled | |
| S Con. (d) (1, 15) | 5 | Bitu. | 2 | | 1.968 | 25.772 | | | | 5059 |
| S Con. (1) | 5 | Br. (17) | 4 | | 2.100 | 31.000 | | | | 5060 |
| App. St. | 4 | Sy. | 2 | Ber. (1) | 0.861 | 20.270 | | 0.42 | Oiled | |
| f Con. (5) | 5 | Br. (10) | 4 | | 1.827 | 22.779 | | | | 5061 |
| App. St. | 6 | App. St. | 3 | Ber. (1) | 1.098 | 14.995 | | | Oiled | 5062 |
| App. St. | 4 | App. St. | 2 | Ber. (1) | 0.850 | 12.665 | | | | 5063 |
| S Con. (11) | 5 | Br. (3) | 2 | | 1.964 | 22.790 | | | | 5064 |
| App. St. | 4 | Dol. | 2 | Asp. (2) | 0.790 | 11.020 | | | Oiled | 5065 |
| Gn. | 4 | App. St. | 3 | T. (16) Asp. (3) (1) | 1.009 | 17.220 | 1914 | 1.50 | Bit. Mac. | 5066 |
| App. St. | 4 | Li. | 2 | Asp. (3) | 0.751 | 11.155 | | | Oiled | 5067 |
| Grv. Con. (a) | 5 | Br. (18) | 4 | | 1.658 | 28.340 | | | | 5068 |
| (6, 11) | 4 | App. St. | 2 | Asp. (10) | 0.809 | 15.460 | | | | 5069 |
| App. St. | 4 | Dol. | 2 | Ber. (1) | 0.712 | 9.957 | | | Oiled | 5070 |
| S Con. (1) | 5 | Br. (32) | 4 | | 2.216 | 35.235 | | | | 5071 |
| Li. Qrs. Set. | 3 | Li. Qrs. Set. | 3 | Asp. (10) | 0.790 | 12.370 | 1914 1917 | 0.57 3.67 | Bit. Mac. | 5072 |
| Set. | 3 | Set. | 3 | Asp. (3) | 0.926 | 11.373 | | | | 5073 |
| Li. | 3 | Li. | 3 | Ber. (1) | 0.945 | 14.780 | | | Oiled | 5074 |
| App. St. | 3 | Gn. | 3 | Asp. (12) | 0.841 | 11.950 | | | Oiled | 5075 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0.779 | 12.115 | | | Oiled | 5076 |
| Grv. 6, Li. 2 | 8 | Li. and Sy. | 2 | Asp. (1) | 1.010 | 14.380 | | | | 5077 |
| Grv. 6, Li. 2 | 8 | Li. and Sy. | 2 | Asp. (1) | 0.955 | 14.785 | | | Oiled | 5078 |
| Li. | 4 | Li. and Sy. | 2 | Asp. (1) | 0.927 | 14.500 | | | | |
| App. St. | 3 | Sy. | 3 | Ber. (1) | 1.000 | 14.953 | | | Oiled | 5079 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.869 | 11.820 | | | Oiled | 5080 |
| Li. | 3 | Li. | 3 | Asp. (3) | 0.996 | 14.050 | 1918 | 2.33 | Bit. Mac. | 5081 |
| App. St. | 3 | Sy. Tr. | 3 | Asp. (10) | 0.816 | 15.209 | | | Oiled | 5082 |
| App. St. | 3 | Sy. | 3 | Asp. (10) | 0.816 | 13.898 | | | Oiled | 5083 |
| Tr. | 3 | Tr. | 3 | Asp. (1) | 0.813 | 12.945 | | | Oiled | 5084 |
| Sub. | 6 | App. St. | 3 | Asp. Trn. (1) | 0.870 | 12.617 | | | Oiled | 5085 |
| Sub. | 7 | Li. | 3 | Asp. (10) | 0.569 | | | | | |
| Sub. | 7 | Li. | 3 | Asp. (10) | 0.996 | 15.650 | 1917 | 5.02 | 3/4" Bit. Mac. | 5086 |
| Sub. | 7 | Li. | 3 | Asp. (10) | 0.843 | 14.210 | | | | |
| Sub. (Shoulder) | 7 | Li. | 3 | Asp. (3, 7, 10) | 1.215 | 14.665 | 1918 | 1.77 | Bit. Mac. | 5087 |
| Gn. | 3 | Gn. | 3 | Asp. (3) | 0.565 | | | | | |
| Li. | 3 | Li. | 3 | Asp. (3) | 0.670 | 16.149 | | | Oiled | 5088 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0.995 | 14.270 | | | | 5089 |
| Li. | 4 | Li. | 3 | Asp. (3) | 0.797 | 11.780 | 1918 | 3.02 | Bit. Mac. | 5090 |
| S Con. (d) (10) | 5 | Bitu. | 2 | | 2.150 | 26.641 | | | | 5091 |
| Set. | 3 | Set. | 3 | Asp. (10) | 0.698 | 12.125 | 1914 | 1.48 | Bit. Mac. | 5092 |
| Sub. | 6 | Lo. St. | 3 | Asp. (10) | 0.765 | 9.631 | | | | 5093 |
| Sub. | 3 | Gn. | 3 | Asp. (16) | 0.674 | 9.469 | | | | 5094 |
| Li. | 3 | Li. | 3 | Ber. (1) | 0.317 | 2.040 | | | Oiled | 5095 |
| App. St. | 3 | Li. | 3 | Asp. (10) | 1.121 | 16.120 | | | Oiled | |
| Li. | 3 | Gn. | 3 | Asp. (10) | 0.701 | 8.980 | | | Oiled | 5097 |
| S Con. (d) (3) | 5 | Br. (25) | 4 | | 0.789 | 13.310 | | | | 5098 |
| | | | | | 1.799 | 26.119 | | | | 5099 |

Pavement placed under No. 5099.

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|--------------|-----------------------------|------------------|--------------------|--------------------|------------------------------|-------------------------------|-------------------------------|------------------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5100 | Seneca | 3.45 | ..... | \$101,888 19 | \$53,679 72 | 4/29/11 | 100 | 12/17/12 | 1.11 2.30 0.04 0.27 | 30-58 14-30 46-30 18 | 32-60 26-32 42-32 18 | 20,232 22,878 1,285 3,533 |
| 5101 | Cayuga | 2.03 | ..... | 26,732 56 | 23,771 16 | 5/ 1/11 | 100 | 1/23/12 | 0.47 1.29 | 16 16-26 | 18 26-36 | 4,451 12,570 |
| 5102 | Clinton | 6.47 | ..... | 67,593 43 | 67,593 43 | 4/29/11 | 100 | 12/26/11 | 6.47 | 18 | 28 | 60,739 |
| 5103 | Colum | 5.20 | ..... | 135,458 71 | 135,458 71 | 4/26/11 | 100 | 12/ 8/15 | 9.84 | 18 | 28-32 | 92,438 |
| 5104 | Herk | 5.04 | ..... |  |  |  |  |  | 1.00 | 18 | 28-32 | 9,363 |
| 5105 | Herk | 1.45 | ..... | 26,390 02 | 26,390 02 | 5/ 3/11 | 100 | 9/10/12 | 0.28 | 14-16 | 26-34 | 2,883 |
| 5106 | Nassau | 2.46 | ..... | 29,511 25 | 29,511 25 | 4/27/11 | 100 | 3/18/12 | 1.17 2.46 | 18 | 26 | 11,009 |
| 5107 | Renss | 0.39 | ..... | 8,660 09 | 8,660 09 | 4/28/11 | 100 | 3/ 2/12 | 0.02 0.37 | 16 | 25 | 191 |
| 5108 | Renss | 0.40 | ..... | 6,245 14 | 6,245 14 | 5/ 1/11 | 100 | 9/10/12 | 0.40 | 14 | 26 | 3,151 |
| 5109 | Mont | 4.79 | ..... | 55,602 23 | 55,602 23 | 4/25/11 | 100 | 12/30/11 | 4.79 | 18 | 28-36 | 44,956 |
| 5110 | Schenec | 5.36 | ..... | 57,488 69 | 57,488 69 | 4/29/11 | 100 | 5/31/13 | 1.62 3.51 | 18 | 26 | 15,285 |
| 5111 | Suffolk | 4.99 | ..... |  |  |  |  |  | 0.23 | 18 | 32 | 82,983 |
| 5112 | Suffolk | 5.02 | ..... | 100,924 06 | 100,924 06 | 5/ 3/11 | 100 | 9/10/12 | 7.51 | 18 | 32 | 2,017 |
| 5113 | Wash | 3.67 | ..... | 35,887 55 | 35,887 55 | 5/ 5/11 | 100 | 12/26/11 | 2.50 1.33 | 18 | 32 | 70,490 |
| 5114 | Ulster | 3.82 | ..... | 50,614 37 | 50,614 37 | 4/29/11 | 100 | 12/14/11 | 2.34 3.82 | 18 | 28-32 | 23,455 |
| 5115 | St. Law | 4.74 | ..... | 109,859 82 | 109,859 82 | 5/ 3/11 | 100 | 7/ 2/13 | 9.66 | 18 | 32 | 55,826 |
| 5116 | St. Law | 5.45 | ..... |  |  |  |  |  | 0.53 | 18 | 32 | 90,654 |
| 5117 | Essex | 6.00 | ..... | 110,400 00 | 110,400 00 | 4/28/11 | 100 | 6/14/12 | 6.00 | 18 | 22-28 | 5,031 |
| 5118 | Orleans | 2.24 | ..... | 24,376 98 | 24,376 98 | 5/ 1/11 | 100 | 12/26/11 | 6.00 | 18 | 22-28 | 56,291 |
| 5119 | Jeffers | 3.25 | ..... | 32,759 20 | 32,759 20 | 5/ 5/11 | 100 | 3/21/12 | 2.24 3.25 | 18 | 32 | 21,026 |
| 5120 | Madison | 3.31 | ..... | 39,073 59 | 35,981 27 | 5/ 5/11 | 100 | 12/ 7/11 | 3.31 | 18 | 32 | 30,489 |
| 5121 | Chem | 6.87 | ..... | 75,542 66 | 75,542 66 | 5/10/11 | 100 | 12/17/12 | 3.31 6.87 | 14-36 | 26-36 | 32,567 |
| 5122 | Tomp | 3.24 | ..... | 39,404 81 | 39,404 81 | 5/10/11 | 100 | 11/19/12 | 3.24 | 14-16 | 26 | 57,514 |
| 5123 | Mont | 4.06 | ..... | 46,884 88 | 44,404 34 | 5/ 5/11 | 100 | 8/15/12 | 4.06 | 18 | 28 | 30,421 |
| 5124 | Mont | 4.25 | ..... | 134,512 00 | 134,512 00 | 5/ 3/11 | 100 | 10/28/15 | 4.06 8.25 | 16-32 | 26-32 | 40,323 |
| 5125 | Mont | 4.00 | ..... |  |  |  |  |  |  | 18 | 26 | 77,580 |
| 5126 | Mont | 2.24 | ..... | 31,125 53 | 31,125 53 | 5/ 1/11 | 100 | 11/11/12 | 2.24 | 16 | 26, 28 | 21,056 |
| 5127 | Wayne | 3.47 | ..... | 30,010 87 | 30,010 87 | 5/ 5/11 | 100 | 12/26/11 | 3.47 | 14, 16 | 26 | 28,687 |
| 5128 | Yates | 2.68 | ..... | 39,437 68 | 36,907 88 | 6/16/11 | 100 | 7/29/12 | 2.68 | 16-50 | 20-60 | 27,192 |
| 5129 | Allegany | 4.50 | ..... | 52,566 06 | 52,566 06 | 6/13/11 | 100 | 1/ 8/12 | 4.50 | 16, 34 | 30, 32 | 43,210 |
| 5130 | Steuben | 1.06 | ..... | 10,891 44 | 10,891 44 | 6/17/11 | 100 | 12/30/11 | 1.06 | 18 | 26 | 9,961 |
| 5131 | Onesida | 1.20 | ..... | 46,860 09 | 27,718 40 | 4/24/12 | 100 | 1/ 8/13 | 0.75 0.45 | 16-32 | 32, 36 | 12,179 |
| 5132 | Schenec | 1.27 | ..... | 48,180 80 | 22,421 62 | 6/17/11 | 100 | 1/23/12 | 0.45 1.27 | 18 | 32 | 4,345 |
| 5133 | Hamilt | 5.45 | ..... | 84,047 91 | 84,047 91 | 6/15/11 | 100 | 12/17/12 | 1.27 4.88 | 21-29 | 21-38 | 19,640 |
| 5134 | Wyom | 3.59 | ..... | 53,771 68 | 53,771 68 | 6/16/11 | 100 | 12/17/12 | 0.57 3.59 | 16 | 24 | 45,781 |
| 5135 | Dutchess | 5.22 | ..... | 65,480 48 | 65,480 48 | 6/13/11 | 100 | 7/29/12 | 3.47 2.68 | 16 | 24 | 5,365 |
| 5136 | Genesee | 2.89 | ..... | 29,080 78 | 29,080 78 | 6/20/11 | 100 | 1/31/13 | 3.05 | 18 | 28 | 33,731 |
| 5137 | Cattaraugus | 8.77 | ..... | 115,905 17 | 115,905 17 | 6/17/11 | 100 | 3/16/14 | 2.17 2.89 | 16 | 28 | 28,680 |
| 5138 | Otsego | 1.36 | ..... | 17,682 65 | 17,682 65 | 6/13/11 | 100 | 1/12/12 | 8.77 1.36 | 16 | 28 | 20,400 |
| 5139 | Onesida | 7.94 | ..... | 86,380 78 | 86,380 78 | 6/15/11 | 100 | 11/26/12 | 2.89 5.33 | 16 | 32 | 27,118 |
| 5140 | Jeffers | 5.25 | ..... | 60,255 73 | 60,255 73 | 6/15/11 | 100 | 10/15/12 | 2.10 0.51 | 16 | 26-32 | 82,340 |
| 5141 | Cortland | 2.15 | ..... | 27,382 79 | 27,382 79 | 6/16/11 | 100 | 12/17/12 | 3.10 1.24 | 16 | 28 | 11,653 |
| 5142 | Livingston | 4.05 | ..... | 45,105 16 | 45,105 16 | 6/13/11 | 100 | 7/24/12 | 0.90 0.01 | 16 | 28 | 8,400 |
| 5143 | Onondaga | 5.02 | ..... | 65,819 65 | 65,819 65 | 6/14/11 | 100 | 12/27/12 | 0.01 3.10 | 16 | 28 | 14 |
| 5144 | Orange | 3.31 | ..... | 45,970 67 | 45,970 67 | 6/17/11 | 100 | 7/17/12 | 2.15 5.02 | 14 | 26 | 17,647 |
| 5145 | Orange | 4.44 | ..... | 44,332 95 | 44,332 95 | 6/20/11 | 100 | 12/17/12 | 4.06 3.31 | 16 | 28 | 38,092 |
| *5146A | Genesee | 0.29 | ..... |  |  |  | 100 | -/-/12 | 3.46 0.98 | 16 | 32 | 41,356 |
| | | | | | | | | | 0.24 | 16-24 | 32 | 31,077 |
| | | | | | | | | | 0.06 | 24 | 24 | 32,460 |

* See Appendix B, list by counties.

† Changed from original plans.

‡ Items combined and let as one contract.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|---------------|-----------------------------|-----------------------------|------------------|-------|----------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| S. Con. (d) (29) | 5 | Br. (17, 24) | 4 | | 2 224 | 24,896 | | | | |
| Sub. | 7 | Sy. | 3 | Asp. (3, 10) | 1 220 | 15,445 | 191 | 0.31 | Bit. Mac. | 5100 |
| S. Con. (g) (20) | 5 | Med. Blk. | 6 | | 3 109 | 33,195 | | | | |
| Old Mac. | | Li. | 3 | Asp. (10) | 0 678 | 10,090 | | | | |
| Li. | 3 | Li. | 3 | Asp. (10) | 0 779 | 12,190 | | | Oiled | 5101 |
| Li. | 3 | Li. | 3 | Asp. (3) (11) | 0 763 | 10,330 | | | Oiled | 5102 |
| Qrs. | 3 | Qrs., Bl. | 3 | Asp. (7, 10) | 0 754 | 12,170 | | | Oiled | 5103 |
| Qrs. | 3 | Qrs., Bl. | 3 | Sc., water | 0 676 | 10,435 | | | Oiled | 5104 |
| S. Con. (d) (2, 3) | 5 | Br. (17) | 4 | Asp. (7) | 2 100 | 26,206 | 1915 | 0.05 | St. Blk. | 5105 |
| App. St. | 3 | Sy. | 3 | Asp. (1) | 0 757 | 13,601 | | | | |
| Tr. | 3 | Tr. | 3 | Asp. (10) | 0 983 | 11,860 | 1916 | 1.17 | F. Con. | 5106 |
| | | | | | | | 1917 | 0.61 | 3" Bit. Mac. | 5107 |
| S. Con. (8) | 5 | Br. (25) | 4 | | 2 193 | 34,205 | | | | |
| Tr. | 3 | Tr. | 3 | Asp. (10) | 0 787 | 21,098 | 1914 | 0.37 | Bit. Mac. | 5108 |
| Set. | 3 | Set. | 3 | Ber. (1) | 0 865 | 15,123 | | | Oiled | 5109 |
| Li., Dol. | 3 | Li., Dol. | 3 | Ber. (1) | 0 692 | 11,106 | | | Oiled | 5110 |
| Grv. | 3 | Grv. | 3 | | 0 501 | 9,110 | | | | |
| Grv. | 16 | Grv. | 3 | HO. (10) | 0 713 | 11,100 | 1917 | 5.31 | 2" Bit. Mac. | 5111 |
| Grv. Con. (h) | 5 | | 3 | HO. (10) | 0 957 | 13,390 | | | | |
| Tr. | 3 | Grv. | 3 | HO. (10) Sa. | 0 572 | 8,550 | 1914 | 1.80 | Bit. Mac. M.M. | 5112 |
| Qrs. | 3 | Li. | 3 | Asp. (1) | 1 099 | 13,500 | 1917 | 4.09 | Bit. Mac. | 5113 |
| Qrs. | 3 | Qrs. | 3 | Asp. (10) | 0 703 | 9,843 | | | Oiled | 5114 |
| App. St. | 3 | Qrs. | 3 | Asp. (10) | 0 638 | 9,233 | | | | |
| Gn., Grn. | 3 | Li & Set. | 3 | Asp. (10) | 0 723 | 13,232 | | | | 5114 |
| | | Gn., Grn. | 3 | Asp. (10) | 0 765 | 10,470 | | | Oiled | 5115 |
| | | Grn. | 3 | Asp. (10) | 0 699 | 9,850 | | | | 5116 |
| App. St. | 3 | App. St. | 3 | Trn. (1) | 0 819 | 18,023 | 1914 | 6.00 | Bit. Mac. | 5117 |
| App. St. | 3 | Set. or Grn. | 3 | Ber. (1) | 0 697 | 10,432 | | | Oiled | 5118 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0 718 | 9,990 | | | Oiled | 5119 |
| Li. | 5 | Li. | 3 | Asp. (10) | 0 800 | 11,260 | | | Oiled | 5120 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0 839 | 11,640 | | | Oiled | 5121 |
| App. St. | 3 | Li. | 24 | Asp. (3) | 0 945 | 11,930 | | | Oiled | 5122 |
| Dol. | 3 | Dol. | 3 | Asp. (10) | 0 687 | 10,770 | | | Oiled | 5123 |
| Dol. Sub. | 6 | Dol. | 3 | Asp. (10) | 0 838 | 13,820 | | | Oiled | 5124 |
| | | | | | | | | | | 5125 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0 774 | 13,600 | | | Oiled | 5126 |
| App. St. | 3 | Li. | 3 | Asp. (10) | 0 762 | 9,360 | | | | 5127 |
| Sub. | 7 | Li. | 3 | Asp. (10) | 0 972 | 13,570 | | | | 5128 |
| Sub. | 6 | App. St. | 3 | Asp. (3) | 0 992 | 11,155 | | | Oiled | 5129 |
| App. St. | 3 | Li. | 3 | Asp. (10) | 0 807 | 9,840 | 1915 | 1.04 | Bit. Mac. | 5130 |
| S. Con. (d) (10) | 5 | Bitu. | 2 | | 2 233 | 27,190 | | | | 5131 |
| App. St. | 3 | App. St. | 3 | Asp. (3) | 0 987 | 15,495 | | | Oiled | |
| S. Con. (d) (8, 9, 10) | 5 | Br. (20) | 4 | | 2 072 | 23,896 | | | | 5132 |
| App. St. | 3 | App. St. | 3 | Ber. (1) | 0 863 | 15,060 | | | Oiled | 5133 |
| Flt. | 6 | App. St. | 3 | Ber. (1) | 0 902 | 16,021 | | | | |
| Li. | 3 | Li. | 3 | Asp. (3) | 0 862 | 14,575 | | | Oiled | 5134 |
| App. St. | 3 | Set. | 3 | Asp. (10) | 0 828 | 12,200 | | | | 5135 |
| Sub. 6" Set. 3" | 9 | Set. | 3 | Asp. (10) | 1 110 | 15,710 | | | | |
| Imp. Li. | 3 | Li. | 3 | Asp. (10) | 0 644 | 9,785 | | | Oiled | 5136 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0 935 | 12,923 | 1916 | 6.21 | Oiled | 5137 |
| | | | | | | | 1916 | 2.62 | 6" Bit. Mac. | |
| App. St. | 3 | Li. | 3 | Asp. (1) | 0 821 | 12,714 | | | | 5138 |
| Grv. | 4 | Grv. | 3 | Sc., water | 0 634 | 10,070 | | | | |
| Grv. | 6 | Grv. | 4 | Sc., water | 0 842 | 12,020 | | | Oiled | 5139 |
| App. St. | 3 | App. St. | 3 | Sc., water | 0 730 | 10,970 | | | | |
| Sub. | 6 | Li. | 3 | Asp. (10) | 0 703 | 11,070 | | | | |
| Li. 4, Li. 2 | 3 | Li. | 3 | Asp. (10) | 0 792 | 11,900 | | | | |
| Li. | 3 | Li. | 3 | Asp. (10) | 0 720 | 11,230 | | | | 5140 |
| | | Li. | 3 | Asp. (10) | 0 248 | | | | | |
| Li. | 3 | Li. | 3 | Asp. (3) | 0 876 | 13,543 | | | Oiled | 5141 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0 756 | 10,670 | 1915 | 1.32 | Bit. Mac. | 5142 |
| Li. | 3 | Li. | 3 | Asp. (10) | 0 982 | 14,220 | | | Oiled | 5143 |
| App. St. | 3 | Set. | 3 | Asp. (2) (10) | 0 630 | 13,490 | | | | 5144 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0 618 | 9,180 | | | Oiled | 5145 |
| Sub. | 6 | Li. | 3 | Asp. (3) | 0 672 | 9,690 | | | | |
| Li. | 4 | Li. | 3 | Sc., water | | | | | | 5145A |
| Flank | 4 | Med. Blk. | 4 | | | | | | | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5146 | West... | 3.34 | | \$57,459 01 | \$57,459 01 | 6/15/11 | 100 | 1/ 6/14 | 3.34 | 16 | 28 | 31,305 |
| 5147 | West... | 1.89 | | 69,679 19 | 69,679 19 | 6/17/11 | 100 | 12/27/12 | 3.63 | 16 | 28 | 34,094 |
| 5147 | Putnam... | 1.74 | | | | | | | | | | |
| 5148 | Broome... | 3.68 | | 50,713 12 | 50,713 12 | 6/14/11 | 100 | 12/17/12 | 3.68 | 16 | 24-26 | 34,510 |
| 5149 | Putnam... | 4.17 | | 49,308 69 | 49,308 69 | 12/ 1/11 | 100 | 12/27/12 | 4.17 | 16 | 28 | 39,133 |
| 5150 | Dutchess... | 3.65 | | 49,978 56 | 49,978 56 | 6/13/11 | 100 | 12/26/11 | 3.65 | 16 | 28 | 34,288 |
| 5151 | Chautau... | 5.19 | | 65,320 15 | 65,320 15 | 12/ 5/11 | 100 | 12/27/12 | 5.19 | 16 | 28 | 48,715 |
| 5152 | Jeffers... | 0.28 | | 8,392 92 | 8,392 92 | 6/14/11 | 100 | 2/20/12 | 0.28 | 16 | 24 | 2,635 |
| 5153 | Otsego... | 4.61 | | 54,325 79 | 52,814 96 | 6/15/11 | 100 | 3/24/13 | 4.26 | 16 | 20 | 40,000 |
| | | | | | | | | | 0.35 | 24 | 32 | 4,907 |
| 5154 | Dutchess... | 4.81 | | 54,632 92 | 54,632 92 | 6/13/11 | 100 | 8/27/12 | 1.89 | 16 | 28 | 17,772 |
| | | | | | | | | | 2.92 | 16 | 28 | 27,340 |
| *5155 | Albany... | 5.37 | | | | 6/12/11 | 100 | 11/23/16 | 5.37 | 16-25 | 32-35 | 50,720 |
| 5156 | Putnam... | 4.35 | | 68,874 90 | 68,874 90 | 12/11/11 | 100 | 12/27/12 | 4.35 | 16 | 28 | 40,788 |
| | | | | | | | | | 0.81 | 14 | 14 | 7,209 |
| 5157 | Warren... | 6.55 | | 96,245 54 | 96,245 54 | 6/29/11 | 100 | 12/17/12 | 4.67 | 16 | 26-22 | 43,849 |
| | | | | | | | | | 1.07 | 16 | 22-32 | 10,997 |
| 5158 | Warren... | 6.49 | | 79,579 06 | 79,579 06 | 12/ 6/11 | 100 | 9/ 9/13 | 6.49 | 16 | 22-26 | 60,935 |
| 5159 | Herk... | 0.17 | | 6,214 47 | 6,214 47 | 6/22/11 | 100 | 12/30/11 | 0.06 | 17 1/2 | 17 1/2 | 601 |
| | | | | | | | | | 0.11 | 16 | 26 | 1,018 |
| 5160 | Schuyler... | 1.56 | | 29,985 64 | 22,485 64 | 12/ 5/11 | 100 | 12/17/13 | 0.33 | 30,48 | 30,48 | 6,091 |
| | | | | | | | | | 1.23 | 16 | 24,32 | 11,554 |
| | | | | | | | | | 1.40 | 24 | 24 | 14,239 |
| 5161 | Herk... | 1.51 | | 59,069 50 | 48,084 80 | 4/23/12 | 100 | 4/30/14 | 0.11 | 40-50 | 40-50 | 1,664 |
| 5162 | Chem... | 1.91 | | 25,306 17 | 22,104 04 | 12/ 5/11 | 100 | 1/23/13 | 0.05 | 16-137 | 32-137 | 1,821 |
| | | | | | | | | | 1.86 | 16 | 24,32 | 17,495 |
| 5163 | Renas... | 0.41 | | 7,936 59 | 7,936 59 | 4/26/12 | 100 | 12/17/12 | 0.41 | 16 | 28,32 | 4,200 |
| 5164 | Niagara... | 3.69 | | 96,536 21 | 96,536 21 | 12/ 5/11 | 100 | 12/19/13 | 3.69 | 16 | 32,38 | 34,820 |
| 5165 | Rock... | 2.16 | | 66,785 50 | 66,785 50 | 12/ 1/11 | 100 | 12/17/12 | 2.16 | 16 | 22,24 | 20,280 |
| 5166 | Greene... | 3.87 | | 55,442 19 | 55,442 19 | 4/24/12 | 100 | 12/17/12 | 3.87 | 16 | 24,26 | 36,360 |
| 5167 | Dela... | 8.60 | | 118,696 11 | 118,696 11 | 12/ 6/11 | 100 | 12/17/12 | 8.16 | 14,16 | 24,26 | 67,874 |
| | | | | | | | | | 0.44 | 14 | 24 | 3,577 |
| 5168 | Tioga... | 5.30 | | 44,418 19 | 44,418 19 | 12/ 6/11 | 100 | 11/26/12 | 5.30 | 16 | 24-28 | 49,760 |
| 5169 | Ulster... | 3.57 | | 48,861 15 | 48,861 15 | 12/ 5/11 | 100 | 3/11/16 | 3.57 | 16 | 30 | 33,500 |
| 5170 | Herk... | 1.35 | | 59,463 74 | 38,936 98 | 4/24/12 | 100 | 7/31/14 | 1.35 | 20-40 | 24-49 | 17,493 |
| 5171 | Oswego... | 2.01 | | 30,746 53 | 30,746 53 | 12/ 8/11 | 100 | 12/17/12 | 2.01 | 16 | 26-28 | 18,530 |
| 5172 | Erie... | 2.92 | | 84,648 67 | 84,648 67 | 5/ 3/12 | 100 | 7/ 9/13 | 2.92 | 16 | 32,38 | 27,564 |
| 5173 | Ulster... | 4.96 | | 75,273 83 | 75,273 83 | 12/21/11 | 100 | 11/ 8/14 | 1.53 | 16 | 28 | 14,375 |
| | | | | | | | | | 3.43 | 16 | 28 | 32,148 |
| 5174 | Cattaraugus... | 0.12 | | 92,397 55 | 71,558 02 | 12/ 5/11 | 100 | 3/ 3/14 | 3.66 | 16 | 28 | 34,386 |
| 5174 | Allegany... | 4.56 | | | | | | | 1.02 | 16-46 | 16-46 | 16,039 |
| 5175 | Jeffers... | 0.40 | | 7,906 37 | 7,906 37 | 5/ 7/12 | 100 | 9/23/12 | 0.40 | 16,18 | 18,32 | 3,820 |
| 5176 | Orange... | 1.10 | | 41,546 98 | 41,546 98 | 5/ 9/12 | 100 | 12/17/12 | 2.18 | 16 | 38 | 20,460 |
| 5176 | Ulster... | 1.08 | | | | | | | | | | |
| 5177 | Ulster... | 3.30 | | 54,824 45 | 50,994 89 | 12/21/11 | 100 | 6/18/14 | 3.64 | 16 | 26-28 | 34,133 |
| 5177 | Dela... | 1.34 | | | | | | | | | | |
| 5178 | Rock... | 2.20 | | 30,828 39 | 30,828 39 | 12/ 6/11 | 100 | 12/17/12 | 1.74 | 16 | 26 | 16,370 |
| | | | | | | | | | 0.46 | 16 | 26 | 4,267 |
| 5179 | Essex... | | | 68,934 33 | 68,934 33 | 12/ 4/11 | 100 | | 6.78 | 14-16 | 21,26 | |
| 5179A | Essex... | 6.78 | | 43,751 09 | 43,751 09 | 9/ 1/14 | 100 | 2/15/17 | 6.67 | 14,16 | 24,32 | 55,252 |
| | | | | | | | | | 0.11 | 16 | 32 | 1,054 |
| 5180 | Essex... | 5.39 | | 71,497 41 | 71,497 41 | 12/ 1/11 | 100 | 6/23/14 | 5.39 | 16 | 22-26 | 50,629 |
| 5181 | Essex... | 3.94 | | 50,451 56 | 50,451 56 | 12/ 4/11 | 100 | 12/10/13 | 3.94 | 16 | 28 | 37,022 |
| 5182 | Essex... | 5.29 | | 86,856 77 | 86,856 77 | 12/ 4/11 | 100 | 12/17/12 | 5.29 | 16 | 22,26 | 49,618 |
| 5183 | Essex... | 3.70 | | 40,860 22 | 40,860 22 | 12/ 8/11 | 100 | 12/31/12 | 1.37 | 16 | 26,32 | 12,871 |
| | | | | | | | | | 2.33 | 16 | 26,32 | 21,860 |
| 5184 | Essex... | 2.54 | | 26,850 79 | 26,850 79 | 12/ 8/11 | 100 | 8/27/13 | 2.54 | 16 | 26 | 23,822 |
| 5185 | Warren... | 6.57 | | 85,697 51 | 85,697 51 | 12/ 4/11 | 100 | 12/17/12 | 4.12 | 16 | 26 | 38,705 |
| | | | | | | | | | 2.44 | 16 | 26-28 | 22,938 |
| 5186 | Essex... | 6.33 | | 102,785 67 | 102,785 67 | 12/ 4/11 | 100 | 12/ 4/13 | 6.33 | 16 | 26 | 59,470 |
| 5187 | Essex... | 5.69 | | 88,046 88 | 88,046 88 | 12/ 4/11 | 100 | 12/20/13 | 5.69 | 16 | 26 | 53,442 |
| 5188 | Essex... | 4.63 | | 69,631 21 | 69,631 21 | 12/ 4/11 | 100 | 12/ 4/13 | 4.63 | 16 | 26 | 43,499 |
| 5189 | Hamilton... | 8.43 | | 111,285 88 | 111,285 88 | 12/ 1/11 | 100 | 12/23/14 | 8.43 | 16 | 26 | 79,134 |
| 5190 | Tomp... | 1.06 | | 17,791 15 | 17,791 15 | 12/12/11 | 100 | 11/11/12 | 1.06 | 16 | 28 | 9,908 |
| 5191 | Clinton... | 6.89 | | 76,174 49 | 76,174 49 | 12/ 8/11 | 100 | 2/10/14 | 6.89 | 16 | 26,32 | 65,800 |

* See Appendix B, list by counties.

† Changed from original plan.

1898 TO DECEMBER 31, 1918—(Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERMANENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|------------|-----------|-----------------------------|-----------------------------|-----------------------------|--------------------|-------|------------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| App. St. | 3 | App. St. | 3 | Asp. (30) | 0.833 | 16,640 | | | Oiled | 5146 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.672 | 18,740 | | | | 5147 |
| Sub. | 6 | Sst. | 3 | Asp.† (10) | 0.896 | 13,702 | | | Oiled | 5148 |
| Sub. | 6 | Gra. | 3 | Asp. (10) | 0.699 | 11,635 | | | | 5149 |
| App. St. | 3 | Ga. | 3 | Asp. (10) | 0.643 | 13,281 | | | | 5150 |
| Grv. Con. (h) (16) | 6 | | | T. (16), HO (3) Asp (19) | 0.638 | 11,415 | | | Oiled | 5151 |
| Sub. | 6 | Li. | 3 | Asp. (10) | 0.791 | 31,510 | | | | 5152 |
| Sub. | 6 | Li. | 3 | Asp. (3) | 0.842 | 11,351 | | | Oiled | 5153 |
| App. St. | 3 | Li. | 3 | Asp. (3) | 0.824 | 11,172 | | | | |
| App. St. | 3 | App. St. | 3 | Asp. (2) (10) | 0.646 | 11,180 | | | | 5154 |
| Sub. | 6 | App. St. | 3 | Asp. (2) (10) | 0.646 | 11,150 | | | | |
| App. St. | 3 | App. St. | 3 | Asp. (3) | 1.070 | 16,096 | | | | 5155 |
| Sub. | 6 | App. St. | 3 | Asp. (3) | 0.683 | 15,060 | | | | 5156 |
| S Con. (9) | 5 | Br. (28) | 4 | | 2.345 | 28,060 | | | | |
| Sub. | 16 | App. St. | 3 | Asp. (10) | 0.762 | 13,200 | | | Oiled | 5157 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.636 | 12,020 | | | Oiled | |
| Sub. | 6 | App. St. | 3 | Ber. (1) | 0.738 | 12,067 | | | Oiled | 5158 |
| S Con. (7) | 5 | Wd. Blk. | 4 | | 5.033 | 70,075 | | | | 5159 |
| Do | 4 | Del. | 3 | Asp. (1) | 0.895 | 47,031 | | | | |
| Grv. Con. (d) (16) | 5 | Br. (11) | 4 | | 1.996 | 22,725 | | | | 5160 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.876 | 12,210 | | | Oiled | |
| S Con. (d) (h) | 5 | Bitu. | 2 | | 2.064 | 35,318 | | | | 5161 |
| (9, 10, 15) | 5 | Brick (2) | 4 | | 1.607 | 30,842 | | | | |
| S Con. (d) (h) (3) | 5 | Br. (11) | 4 | | 1.975 | 21,500 | | | | 5162 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.886 | 11,580 | | | Oiled | |
| App. St. | 3 | App. St. | 3 | Asp., HO. (10) | 1.090 | 19,360 | | | | 5163 |
| Grv. Con. (4, 16) | 5 | Br. (9) | 4 | | 2.194 | 24,515 | | | | 5164 |
| Lo. St. | 3 | Tr. | 3 | Asp. (10) | 0.881 | 30,920 | | | Oiled | 5165 |
| Sub. | 6 | App. St. | 3 | Asp., HO. (10) | 0.709 | 14,330 | | | | 5166 |
| Sub. | 6 | Lo. St. | 3 | Sc., water | 0.836 | 14,720 | | | | 5167 |
| Sub. | 6 | Lo. St. | 4 | Sc., water | 0.947 | 16,010 | | | | |
| Sub. | 6 | Grv. | 7 | Grv. HO. (10) | 0.436 | 8,251 | 1916 | 1.20 | 2 1/2" Bit. Mac. | 5168 |
| Tr. | 3 | Tr. | 3 | Asp. (10) | 0.651 | 12,000 | | | | 5169 |
| Grv. Con. (h) (8) | 5 | Bitu. | 2 | | 2.140 | 35,760 | | | | 5170 |
| App. St. | 4 | App. St. | 3 | Asp. (3) | 0.904 | 15,055 | | | Oiled | 5171 |
| Grv. Con. (4, 16) | 5 | Br. (10) | 4 | | 1.857 | 28,990 | | | | 5172 |
| Flid. | 10 | App. St. | 3 | Sc., water | 0.773 | 17,590 | | | | 5173 |
| Flid. | 6 | App. St. | 3 | Sc., water | 0.584 | 15,810 | | | | |
| Sub. | 6 | Li. | 3 | Sc., water | 0.912 | 14,040 | | | | 5174 |
| Grv. Con. (d) (16) | 5 | Br. (25) | 4 | | 1.897 | 23,290 | | | | |
| Sub. | 6 | App. St. | 3 | Asp. (7) | 0.704 | 18,110 | | | | 5175 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.850 | 19,090 | | | | 5176 |
| Sst. | 3 | Sst. | 3 | Trn. (17) | 4.584 | 14,090 | | | | 5177 |
| Lo. St. | 3 | Lo. St. | 3 | Asp. (18) | 0.704 | 14,170 | | | | 5178 |
| Lo. St. | 3 | Lo. St. | 3 | Asp. (10) | 0.623 | 13,410 | | | | |
| Grv. Con. (d) | 6 | | | (8, 9) | 0.654 | 7,120 | | | | 5179 |
| Old S Con. | 4 | App. St. | 3 | T. (17) | 0.941 | 9,810 | | | | 5179A |
| App. St. | 4 | App. St. | 3 | T. (17) | 0.811 | 13,278 | | | | |
| Sub. | 6 | App. St. | 3 | Ber. (1) | 0.761 | 12,040 | 1914 | 5.39 | Bit. Mac. | 5180 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.812 | 16,330 | 1914 | 3.94 | Bit. Mac. | 5181 |
| Sub. | 6 | App. St. | 3 | Ber. (1) | 0.812 | 16,330 | 1914 | 5.33 | Bit. Mac. | 5182 |
| App. St. | 4 | App. St. | 3 | T. n. (1) | 0.839 | 11,500 | 1914 | 3.70 | Bit. Mac. | 5183 |
| Sub. | 6 | App. St. | 3 | Trn. (1) | 0.794 | 10,790 | | | | |
| Sub. | 6 | App. St. | 3 | Trn. (1) | 0.755 | 10,397 | | | Oiled | 5184 |
| Sub. | 7 | App. St. | 3 | Trn. (1) | 0.758 | 13,134 | | | Oiled | 5185 |
| Sub. | 7 | App. St. | 3 | Asp. (10) | 0.757 | 12,813 | | | | |
| Sub. | 6 | App. St. | 3 | Ber. (1, 3) | 0.731 | 16,272 | | | Oiled | 5186 |
| Sub. | 6 | Anor., Ga. | 3 | Ber. (1)† | 0.883 | 15,550 | | | Oiled | 5187 |
| Sub. | 6 | App. St. | 14 | Ber. (1)† | 0.959 | 15,077 | | | Oiled | 5188 |
| Sub. | 6 | Gra. Ga. | 4 | Asp. (1) | 0.827 | 13,190 | | | Oiled | 5189 |
| Sub. | 6 | Li. | 3 | Asp. (3) | 0.894 | 16,540 | | | Oiled | 5190 |
| Li. | 4 | Li. | 3 | Asp. (1) (7) | 0.717 | 10,751 | | | Oiled | 5191 |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 18* for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5192 | Ulster... | 0.24 | ..... | \$12,198 11 | 112,198 11 | 12/ 6/11 | 100 | 12/17/12 | 0.16 | 14 | 15, 24 | 1,346 |
| 5193 | Erie.... | 2.84 | ..... | 70,046 58 | 70,046 58 | 4/24/12 | 100 | 12/27/12 | 0.08 | 14 | 15, 24 | 652 |
| 5194 | Fulton... | 1.11 | ..... | 13,428 77 | 13,428 77 | 6/12/12 | 100 | 12/17/12 | 2.84 | 16 | 38 | 26,658 |
| 5195 | Scho.... | 5.05 | ..... | 87,803 93 | 87,803 93 | 5/ 8/12 | 100 | 2/27/14 | 1.11 | 16 | 26 | 10,419 |
| 5196 | Renss... | 0.67 | ..... | 8,127 05 | 8,127 05 | 6/11/12 | 100 | 5/31/13 | 5.05 | 14 | 26 | 41,512 |
| 5197 | Clinton... | 1.79 | ..... | 15,767 97 | 15,767 97 | 9/23/12 | 100 | 1/15/14 | 0.67 | 16 | 26 | 6,400 |
| 5198 | Greene... | 4.62 | ..... | 55,505 40 | 55,505 40 | 6/12/12 | 100 | 11/26/13 | 1.79 | 16 | 26-32 | 16,800 |
| 5199 | Clinton... | 8.25 | ..... | 86,833 32 | 86,833 32 | 9/18/12 | 100 | 12/15/13 | 4.62 | 16 | 28 | 43,488 |
| 5200 | Broome... | 0.43 | ..... | 141,245 70 | 131,668 55 | 5/ 7/12 | 100 | 10/ 6/13 | 8.25 | 16 | 22-30 | 77,320 |
| 5201 | Chen.... | 5.18 | ..... |  |  |  |  |  | 5.61 | 16-60 | 24-62 | 56,862 |
| 5201 | Chautau | 1.48 | ..... | 59,580 46 | 39,674 11 | 4/24/12 | 100 | 1/15/14 | 1.07 | 16-27 | 30-32 | 13,047 |
| 5202 | Otsego... | 1.93 | ..... | 43,482 77 | 26,192 51 | 4/25/12 | 100 | 1/24/13 | 0.41 | 16-27 | 32-35 | 5,422 |
| 5203 | Putnam | 9.80 | ..... | 164,238 60 | 164,238 60 | 4/24/12 | 100 | 12/31/12 | 1.93 | 16-37 | 26-38 | 28,365 |
| | | | | | | | | | 9.80 | 16 | 28 | 92,027 |
| | | | | | | | | | 1.97 | 16 | 26 | 14,531 |
| 5204 | Steuben | 6.37 | ..... | 61,551 96 | 61,551 96 | 5/ 9/12 | 100 | 1/23/13 | 2.73 | 15 | 26-28 | 24,033 |
| | | | | | | | | | 1.29 | 15-16 | 26-28 | 11,827 |
| | | | | | | | | | 0.38 | 15-16 | 26-28 | 5,122 |
| 5205 | Saratoga | 5.38 | ..... | 65,690 96 | 65,690 96 | 4/26/12 | 100 | 12/31/12 | 5.38 | 14-16 | 26 | 46,626 |
| 5206 | Tomp.... | 1.54 | ..... | 43,319 81 | 41,500 00 | 4/25/12 | 100 | 11/26/12 | 1.54 | 16-24 | 30-38 | 15,367 |
| 5207 | Chem.... | 5.47 | ..... | 69,061 69 | 69,061 69 | 6/21/12 | 100 | 10/14/14 | 5.47 | 16 | 26 | 61,340 |
| | | | | | | | | | 0.34 | 16 | 30 | 3,177 |
| 5208 | Chem.... | 8.80 | ..... | 145,536 30 | 145,536 30 | 6/13/12 | 100 | 1/12/14 | 10.17 | 16 | 26-30 | 95,480 |
| | Schuy.... | 3.19 | ..... |  |  |  |  |  | 0.52 | 16 | 26 | 4,723 |
| | | | | | | | | | 1.09 | 16 | 26 | 10,192 |
| 5209 | Herk.... | 3.07 | ..... | 62,363 17 | 62,363 17 | 4/26/12 | 100 | 11/26/12 | 3.07 | 16 | 28 | 28,778 |
| 5210 | Orange... | 6.12 | ..... | 88,188 57 | 88,188 57 | 5/ 9/12 | 100 | 2/ 8/14 | 6.12 | 16 | 28 | 57,447 |
| 5210A | Orange... | 0.48 | ..... | 5,525 65 | 5,525 65 | 4/ 3/14 | 100 | 7/ 8/14 | 0.48 | 16 | 28 | 4,469 |
| 5210B | Orange... | 0.18 | ..... | 2,223 10 | 2,223 10 | 8/19/14 | 100 | 12/ 7/14 | 0.15 | 16 | 28 | 1,435 |
| | | | | | | | | | 0.03 | 16 | 28 | 342 |
| 5211 | Steuben | 8.02 | ..... | 108,743 74 | 108,743 74 | 5/ 1/12 | 100 | 5/21/14 | 0.31 | 16 | 28 | 3,496 |
| | | | | | | | | | 7.72 | 14-16 | 24-28 | 70,233 |
| 5212 | Steuben | 3.94 | ..... | 40,389 32 | 40,389 32 | 4/27/12 | 100 | 1/23/13 | 2.44 | 16 | 26 | 22,908 |
| | | | | | | | | | 1.59 | 16 | 26 | 14,105 |
| | | | | | | | | | 2.23 | 17 | 26 | 20,938 |
| 5213 | Tomp.... | 4.34 | ..... | 59,296 79 | 59,296 79 | 4/20/12 | 100 | 12/17/12 | 0.77 | 16 | 26 | 7,246 |
| | | | | | | | | | 1.34 | 16 | 26 | 12,531 |
| 5214 | Tomp.... | 5.09 | ..... | 75,047 38 | 75,047 38 | 4/24/12 | 100 | 12/23/13 | 5.09 | 16 | 26 | 47,778 |
| 5215 | Tioga.... | 9.95 | ..... | 110,536 93 | 110,536 93 | 6/13/12 | 100 | 4/27/15 | 10.72 | 16 | 26 | 100,644 |
| 5215 | Broome... | 0.77 | ..... |  |  |  |  |  |  |  |  |  |
| 5216 | Chen.... | 1.06 | ..... | 16,899 85 | 16,899 85 | 4/24/12 | 100 | 12/17/12 | 1.06 | 16 | 30 | 10,219 |
| *5217 | Chautau | 1.14 | ..... | 18,978 31 | 18,978 31 | 9/17/12 | 100 | ..... | 1.14 | 16 | 32 | 10,606 |
| | | | | | | | | | 5.81 | 16 | 32 | 54,589 |
| 5217A | Chautau | 6.82 | ..... | ..... | ..... | 11/ 2/14 | 100 | ..... | 0.42 | 16 | 32 | 3,911 |
| | | | | | | | | | 0.59 | 16 | 32 | 5,529 |
| 5218 | Chem.... | 4.27 | ..... | 55,983 26 | 55,983 26 | 6/17/12 | 100 | 12/10/13 | 4.27 | 16 | 24-26 | 40,081 |
| 5219 | Herk.... | 2.47 | ..... | 104,404 80 | 56,726 22 | 4/23/12 | 100 | 11/18/14 | 2.47 | 16-39 | 17-39 | 35,094 |
| 5220 | Niagara... | 4.87 | ..... | 135,185 55 | 109,025 98 | 5/ 3/12 | 100 | 8/14/13 | 4.87 | 16-28 | 28-32 | 54,468 |
| 5221 | Oswego... | 4.69 | ..... | 69,064 63 | 69,064 63 | 4/23/12 | 100 | 7/ 2/13 | 2.08 | 16 | 30 | 19,527 |
| | | | | | | | | | 2.61 | 16 | 30 | 24,497 |
| 5222 | Renss... | 5.93 | ..... | 73,751 60 | 73,751 60 | 5/ 3/12 | 100 | 10/15/13 | 5.93 | 16 | 22-26 | 51,928 |
| | | | | | | | | | 0.40 | 16 | 26 | 3,733 |
| 5223 | Sullivan | 8.53 | ..... | 151,547 76 | 151,547 76 | 5/ 1/12 | 100 | 6/23/15 | 8.53 | 16 | 24-28 | 80,086 |
| 5224 | Steuben | 9.45 | ..... | 99,930 08 | 99,930 08 | 4/17/12 | 100 | 1/23/13 | 9.45 | 15 | 26-28 | 83,120 |
| 5225 | Tomp.... | 0.53 | ..... | 15,899 80 | 15,899 80 | 4/30/12 | 100 | 10/ 6/13 | 0.53 | 16 | 26 | 4,974 |
| 5226 | West.... | 7.01 | ..... | 94,998 63 | 94,998 63 | 4/25/12 | 100 | 9/11/14 | 3.67 | 16 | 30 | 34,507 |
| | | | | | | | | | 3.34 | 16 | 30 | 31,308 |
| 5227 | Warren... | 4.58 | ..... | 73,135 15 | 73,135 15 | 5/ 1/12 | 100 | 10/30/13 | 4.58 | 16 | 22-26 | 43,023 |
| 5228 | Clinton... | 2.24 | ..... | 26,913 32 | 23,404 79 | 10/17/12 | 100 | 1/ 4/14 | 0.35 | 16 | 26 | 3,328 |
| | | | | | | | | | 1.89 | 16-40 | 26-40 | 19,982 |
| 5229 | Otsego... | 4.71 | ..... | 72,232 35 | 72,232 35 | 3/ 7/14 | 100 | 2/19/15 | 4.71 | 16 | 26 | 44,212 |
| 5230 | Saratoga | 7.52 | ..... | 84,621 48 | 84,621 48 | 6/14/12 | 100 | 1/ 2/15 | 4.90 | 14-16 | 26 | 41,140 |
| | | | | | | | | | 2.62 | 14-18 | 26 | 22,340 |
| 5231 | West.... | 5.22 | ..... | 61,020 66 | 55,252 96 | 6/26/12 | 100 | 12/27/12 | 2.66 | 20 | 28 | 31,108 |
| | | | | | | | | | 2.56 | 16 | 24 | 23,886 |
| *5232 | Suffolk... | ..... | ..... | 10,302 86 | 10,302 86 | 10/30/12 | ..... | ..... | 11.58 | ..... | ..... | ..... |
| *5232A | Suffolk... | ..... | ..... | 185,701 07 | 185,701 07 | 5/16/14 | 100 | 7/31/17 | 11.58 | 16 | 28-32 | 109,09 |

See Appendix B, list by counties.

† Changed from original plans.

1893 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAYMENT | | | Highway No. | |
|--------------------------------|-----------|----------------|-----------|-----------------|-----------------------------|-----------------------------|-----------------|-------|-------|------------------|--------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | Type | | |
| Kind | Thickness | Kind | Thickness | | | | | | | | |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.700 | 52,030 | } | | | 5192 | |
| S Con. (16) | 5 | App. St. | 3 | Asp. (10) | 0.515 | 50,290 | | | | | |
| App. St. | 6 | Br. (25) | 4 | | 2.049 | 24,660 | } | | | 5193 | |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.921 | 12,100 | | | | Oiled. | 5194 |
| Grv. Con. (h) (10) | 5 | App. St. | 3 | Sc., water | 1.199 | 18,781 | } | | | 5195 | |
| Old Mac. | 5 | Tr. | 1 | T. (17) HO. (3) | 0.924 | 12,130 | | | | Oiled. | 5196 |
| Sub. | 6 | Sat. | 3 | Asp. (3) | 0.564 | 8,615 | } | | | 5197 | |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.732 | 12,010 | | | | Oiled. | 5198 |
| H Con. (8) (9) | 4 | App. St. | 4 | Sc., water | 0.624 | 10,530 | } | | | 5199 | |
| | | | | Sc., T. (17) | 1.706 | 21,885 | | | | Oiled. | 5200 |
| Grv. Con. (h) (16) | 5 | Br. (15) | 4 | | 1.794 | 31,830 | } | | | 5201 | |
| Grv. Con. (h) (16) | 8 | Br. (15) | 4 | | 2.111 | 34,790 | | | | | |
| Li. | 3 | Li. | 3 | Ber. (1) | 0.965 | 17,005 | } | | | 5202 | |
| Sub. | 6 | Gn. | 3 | Ber. (1) | 0.958 | 16,390 | | | | Oiled. | 5203 |
| Sub. | 5 | Li. | 2 | Sc., water | 0.523 | 7,245 | } | | | 5204 | |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.950 | 11,295 | | | | Oiled. | 5205 |
| Grv. | 6 | App. St. | 3 | Sc., water | 0.735 | 9,240 | } | | | 5206 | |
| Grv. | 12 | App. St. | 3 | Sc., water | 0.963 | 11,310 | | | | Oiled. | 5207 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.951 | 12,870 | } | 1917 | 3.12 | 3" Bit. Mac. | 5208 |
| Grv. Con. (d) (6) | 5 | Br. (10) | 4 | | 2.050 | 25,450 | | | | | Oiled. | 5209 |
| Sub. | 7 | Li. | 3 | Sc., water | 0.782 | 12,630 | } | | | 5210 | |
| Grv. Con. (g) (13) | 6 | Br. (10) | 3 | | 1.994 | 22,805 | | | | Oiled. | 5211 |
| Sub. | 6 | Tr. | | Sc., water | 0.918 | 12,705 | } | 1916 | 10.33 | | 5212 |
| Sub. | 6 | | | | 0.293 | | | | | | Oiled. | 5213 |
| Grv. | 8 | | | | 0.367 | | } | | | 5214 | |
| Grv. Con. (h) (1) | 6 | App. St. | 2 | Asp. () MM-1 | 1.676 | 19,940 | | | | Oiled. | 5215 |
| App. St. | 3 | App. St. | 3 | Asp. (1) | 0.876 | 14,410 | } | | | 5216 | |
| App. St. | 3 | App. St. | 3 | Asp. (7) | 0.887 | 11,510 | | | | Oiled. | 5217 |
| App. St. | 5 | App. St. | 3 | Asp. (10) | 0.978 | 12,050 | } | | | 5218 | |
| Sub. 8" App. St. 2" | 10 | App. St. | 3 | Asp. (10) | 1.082 | 13,030 | | | | Oiled. | 5219 |
| Grv. Con. (d) (16) | 5 | Br. (10) | 4 | | 2.083 | 26,660 | } | 1917 | 7.72 | 2 1/2" Bit. Mac. | 5220 |
| Grv. | 6 | Grv. | 2 | Sc., water | 0.613 | 12,890 | | | | | Oiled. | 5221 |
| Sub. | 6 | App. St. | 1 | Sc., water | 0.571 | 10,140 | } | 1915 | 3.94 | 2 1/2" Bit. Mac. | 5222 |
| Sub. | 6 | App. St. | 1 | Sc., water | 0.609 | 10,470 | | | | | Oiled. | 5223 |
| App. St. | 3 | App. St. | 3 | Sc., water | 1.030 | 12,960 | } | | | 5224 | |
| Sub. 6" App. St. 3" | 9 | App. St. | 3 | Sc., water | 1.380 | 16,215 | | | | Oiled. | 5225 |
| Sub. | 6 | App. St. | 3 | Sc., water | 1.080 | 13,360 | } | | | 5226 | |
| Fid. | 6 | Li. | 3 | Asp. (10) | 0.895 | 14,745 | | | | Oiled. | 5227 |
| Grv. | 6 | Li. | 3 | Sc., water | 0.669 | 10,310 | } | 1917 | 0.76 | 3" Bit. Mac. | 5228 |
| | | | | | | | | | | | Oiled. | 5229 |
| Fid. | 6 | Li. | 3 | Sc., water | 0.888 | 15,055 | } | | | 5230 | |
| Grv. Con. (4) | 6 | | | Glu., H.O. (4) | 0.617 | 16,290 | | | | Oiled. | 5231 |
| | | F Con. (4) | 6 | | | | } | | | 5232 | |
| Grv. | 6 | F Con. (4) Re. | 6 | | | | | | | Oiled. | 5233 |
| Sat. Sub. | 6 | F Con. (4) | 6 | | | | } | | | 5234 | |
| Sub. | 6 | Li. | 3 | Sc., water | 0.665 | 13,210 | | | | Oiled. | 5235 |
| S Con. (d, h) (8, 10) | 5 | Bitu. | 2 | | 2.179 | 28,640 | } | | | 5236 | |
| Grv. Con. (16) | 4 | Br. (9) | 4 | | 1.879 | 23,940 | | | | Oiled. | 5237 |
| Lo. St. | 4 | Lo. St. | 3 | Asp. (1) | 1.090 | 12,800 | } | | | 5238 | |
| Sub. 6" Lo. 4" | 10 | Lo. St. | 3 | Asp. (1) | 1.390 | 15,745 | | | | Oiled. | 5239 |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.743 | 12,315 | } | | | 5240 | |
| Sub. 6" App. St. 6" | 12 | App. St. | 3 | Sc., water | 0.943 | 14,230 | | | | Oiled. | 5241 |
| Sub. | 6 | H Con. (6) | 6 | | 1.220 | 17,740 | } | 1917 | 8.53 | 2 1/2" Bit. Mac. | 5242 |
| Sub. | 6 | Li. | 2 | Sc., water | 0.815 | 10,940 | | | | | Oiled. | 5243 |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.993 | 30,000 | } | | | 5244 | |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.907 | 13,385 | | | | Oiled. | 5245 |
| App. St. | 3 | App. St. | 3 | Asp. (1) | 0.856 | 12,885 | } | | | 5246 | |
| S Con. (d) (9) | 6 | | | T. (7) H.O. (3) | 0.769 | 16,125 | | | | Oiled. | 5247 |
| Sub. | 6 | App. St. | 3 | Asp. (7) | 0.902 | 11,995 | } | | | 5248 | |
| App. St. 1 | 3 | App. St. | 3 | Asp. (7) | 0.784 | 10,885 | | | | Oiled. | 5249 |
| Sub. | 6 | Li. | 3 | Sc., water | 0.770 | 15,370 | } | | | 5250 | |
| Sub. | 6 | Sat. | 3 | Asp. (1, 7) | 0.734 | 11,370 | | | | Oiled. | 5251 |
| Sub. 6" App. St. 6" | 12 | Sat. | 3 | Asp. (1, 7) | 0.930 | 13,198 | } | | | 5252 | |
| App. St. | 3 | Grv. | 2 | Asp. (1) MM | 1.000 | 12,770 | | | | Oiled. | 5253 |
| App. St. | 3 | App. St. | 3 | Asp. (1) | 0.554 | 8,370 | } | | | 5254 | |
| Con. (3, 14, 17) | 5-P | Tr. | 2 | Asp. (11) MM | 1.283 | 14,850 | | | | Oiled. | 5255 |
| | | | | T. (17) Grv. | | | | | | 5256 | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|--------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5232 | Suffolk... | 11.85 | | \$196,003 92 | 196,003 92 | | | | 11.58 | 16 | 32-28 | 100,091 |
| 5232A | Suffolk... | | | | | | | | | | | |
| 5233 | Greene... | 3.39 | | 45,462 52 | 45,462 52 | 6/17/12 | 100 | 12/23/13 | 2.81 | 16 | 26 | 26,419 |
| | | | | | | | | | 0.58 | 16 | 26 | 5,404 |
| 5234 | Sullivan... | | | 116,442 08 | 116,442 08 | 6/17/12 | | | 8.32 | 14 | 26 | 68,364 |
| | | | | | | 3/23/15 | | | | | | |
| 5234A | Sullivan... | 8.44 | | | | 4/ 1/16 | 100 | 12/30/17 | 0.30 | 14 | 26 | 3,209 |
| | | | | | | | | | 0.19 | 14 | 26 | 1,556 |
| 5235 | Essex... | 3.69 | | 55,272 67 | 55,272 67 | 6/12/12 | 100 | 10/30/13 | 7.86 | 14 | 26 | 64,558 |
| | | | | | | | | | 3.12 | 16 | 26 | 29,263 |
| | | | | | | | | | 0.57 | 16 | 26 | 5,576 |
| 5236 | Essex... | 6.06 | | 87,550 49 | 87,550 49 | 6/11/12 | 100 | 4/21/14 | 6.06 | 16 | 26 | 56,908 |
| 5237 | Albany... | 4.23 | | 58,727 07 | 58,727 07 | 6/11/12 | 100 | 11/29/13 | 4.23 | 16 | 26-30 | 39,716 |
| 5238 | Essex... | 6.21 | | 92,821 94 | 92,821 94 | 6/12/12 | 100 | 10/15/13 | 6.21 | 16 | 22-26 | 8,276 |
| 5239 | Essex... | 6.18 | | 97,229 79 | 97,229 79 | 6/12/12 | 100 | 12/23/14 | 6.18 | 16 | 26-32 | 57,973 |
| *5240 | Otsego... | | | 18,523 65 | 18,523 65 | 6/13/12 | 100 | | 5.68 | | | |
| 5240A | Otsego... | | | 59,383 57 | 59,383 57 | 5/15/14 | 100 | 8/17/15 | 5.68 | 16 | 26 | 53,339 |
| 5240 | Otsego... | 5.68 | | 77,907 22 | 77,907 22 | | 100 | | 5.68 | 16 | 26 | 53,339 |
| 5240A | Otsego... | | | | | | | | | | | |
| *5241 | Broome... | | | 30,393 13 | 30,393 13 | 6/11/12 | 100 | | 3.16 | 16 | 26 | 29,456 |
| 5241A | Broome... | | | 40,065 96 | 40,065 96 | 8/26/15 | 100 | 11/29/16 | 3.16 | 16 | 28 | 29,634 |
| 5241 | Broome... | 3.16 | | 70,459 09 | 70,459 09 | | 100 | | | | | |
| 5241A | Broome... | | | | | | | | | | | |
| *5242 | Broome... | 3.26 | | 25,480 33 | 25,480 33 | 6/12/12 | 100 | 4/ 4/16 | | | | |
| | | | | | | | | | 0.72 | 16 | 26 | 30,581 |
| *5243 | Broome... | | | 76,547 38 | 76,547 38 | 6/14/12 | 100 | | 4.07 | 16 | 26 | 38,162 |
| | | | | | | | | | 0.19 | 14 | 26 | 1,565 |
| 5243A | Broome... | | | 70,883 83 | 70,883 83 | 10/16/14 | 100 | 2/15/17 | 0.72 | 16 | 28 | 6,743 |
| | | | | | | | | | 3.84 | 16 | 28 | 36,089 |
| 5243B | Broome... | | | 24,283 35 | 24,283 35 | 10/17/14 | 100 | 10/28/15 | 0.92 | 16 | 26 | 8,669 |
| | | | | | | | | | 3.13 | 16 | 26 | 29,392 |
| | | | | | | | | | 3.84 | 16 | 28 | 36,089 |
| 5243 | Broome... | | | | | | | | 0.72 | 16 | 28 | 6,743 |
| 5243A | Broome... | 8.82 | | 171,714 56 | 171,714 56 | | 100 | | 0.92 | 16 | 26 | 8,669 |
| 5243B | Broome... | | | | | | | | 3.15 | 16 | 26 | 29,493 |
| | | | | | | | | | 0.19 | 14 | 26 | 1,565 |
| *5244 | Cayuga... | 11.52 | | 151,075 17 | 151,075 17 | 11/30/12 | 100 | 6/19/14 | 7.66 | 14-16 | 26-28 | 63,796 |
| | | | | | | | | | 3.86 | 14-16 | 26-28 | 32,279 |
| *5245 | Chautau... | | | 4,451 57 | 4,451 57 | 9/17/12 | | | 5.95 | | | |
| 5245A | Chautau... | | | 96,266 45 | 96,266 45 | 11/ 2/14 | 100 | 11/17/16 | 5.95 | 16 | 32-36 | 56,160 |
| 5245 | Chautau... | 5.95 | | 100,718 02 | 100,718 02 | | | | 5.95 | 16 | 32-36 | 56,160 |
| 5245A | Chautau... | | | | | | | | | | | |
| 5246 | Dela... | 6.48 | | 106,588 50 | 106,588 50 | 4/ 2/14 | 100 | 6/ 4/15 | 6.48 | 14 | 21-24 | 53,186 |
| *5247 | Otsego... | | | 39,247 40 | 37,960 94 | 6/13/12 | | | 4.50 | 16 | 26 | 42,214 |
| 5247A | Otsego... | | | 136,784 83 | 133,516 05 | 5/12/14 | 100 | 12/ 3/15 | 1.00 | 16-35 | 26-38 | 12,122 |
| | | | | | | | | | 6.72 | 16 | 26 | 63,106 |
| 5247 | Otsego... | 12.22 | | 176,032 23 | 171,476 99 | | | | 4.50 | 16 | 26 | 42,214 |
| 5247A | Otsego... | | | | | | | | 1.00 | 16-35 | 26-38 | 12,122 |
| | | | | | | | | | 6.72 | 16 | 26 | 63,106 |
| 5248 | Oneida... | 16.77 | | 268,930 30 | 268,930 30 | 6/13/12 | 100 | 11/27/14 | 18.00 | 16 | 26 | 169,187 |
| 5248 | Herk... | 1.23 | | | | | | | | | | |
| 5249 | Onondaga... | 4.84 | | 74,018 43 | 74,018 43 | 6/13/12 | 100 | 12/27/12 | 2.22 | 16 | 30 | 24,633 |
| | | | | | | | | | 2.22 | 16 | 30 | 20,820 |
| 5250 | Oswego... | 7.00 | | 96,830 24 | 96,830 24 | 9/18/12 | 100 | 11/ 6/13 | 7.00 | 16 | 30 | 67,000 |
| 5251 | Oswego... | 4.25 | | 51,832 49 | 51,832 49 | 6/12/12 | 100 | 12/31/12 | 4.25 | 16 | 26-30 | 40,026 |
| 5252 | Ontario... | 7.37 | | 87,014 99 | 87,014 99 | 7/ 2/12 | 100 | 10/24/13 | 7.37 | 14 | 28 | 60,726 |
| *5253 | Steuben... | | | \$..... | \$..... | 6/14/12 | 100 | | 7.14 | 16 | 24-26 | 66,978 |
| | | | | | | | | | 2.10 | 16 | 26 | |
| 5253A | Steuben... | | | 27,725 37 | 27,725 37 | 9/19/13 | 100 | | 0.97 | 16 | 26 | 9,133 |
| | | | | | | | | | 1.86 | 16 | 26 | 17,484 |
| 5253B | Steuben... | | | 19,188 78 | 19,188 78 | 10/20/14 | 100 | | 0.21 | 16 | 26 | 1,998 |
| | | | | | | | | | 0.69 | 14 | 26 | 5,645 |
| 5253C | Steuben... | | | 42,818 72 | 42,818 72 | 6/30/14 | 100 | 5/28/15 | 4.27 | 14 | 20-24 | 35,877 |
| | | | | | | | | | 2.23 | 16 | 26 | 20,918 |
| 5253D | Steuben... | | | 45,216 31 | 45,216 31 | 8/18/14 | 100 | 1/25/15 | 0.27 | 16 | 26 | 2,537 |
| | | | | | | | | | 3.89 | 16 | 26 | 36,501 |
| 5253E | Steuben... | | | 46,466 18 | 46,466 18 | 8/31/15 | 100 | 1/ 3/17 | 4.80 | 14 | 26 | 39,500 |
| | | | | | | | | | 0.69 | 14 | 26 | 5,645 |

* See Appendix B, list by counties.

† Changed from original plans.

‡ Accounts never closed.

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1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PAVEMENT PAYMENT | | Highway No. | |
|--------------------------------|-----------|---------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|-------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| 8 Con. (3,14,17) | 5-P | Tr..... | 2½ | Asp. (11) MM.. | T. (17) Grv.. | 1.283 15,740 | | | | 5232 |
| Sub. | 6 | App. St. | 3 | Asp. (10)..... | | 0.652 12,896 | | | | 5232A |
| Sub. 6" App. St. 6" | 12 | App. St. | 3 | Asp. (10)..... | | 0.981 15,902 | | | Oiled. | 5233 |
| Set..... | 3 | Set..... | 3 | Asp. (1, 8)..... | | 0.711 14,780 | | | | *5234 |
| Set. | 3 | Set..... | 3 | Asp. (10)..... | Tr., CO. | | | | | |
| Old Mac. Set. | 3 | Set..... | 3 | Asp. (10)..... | Tr., CO. | | | | | 5234A |
| Old Mac. | | | | | Tr., CO. | | | | | |
| Sub. | 6 | App. St. | 3 | Asp. (10)..... | | 0.857 14,364 | | | Oiled. | 5235 |
| Grv. 6", Fld. 6" | 12 | App. St. | 3 | Asp. (10)..... | | 1.270 18,335 | | | | |
| 8 Con. (d) (9,10) | 6 | | | | | 0.611 13,245 | | | | 5236 |
| 8 Con. (d) (8) | 6 | | | | HO(10) T(17) | 1.050 13,884 | | | | 5237 |
| Sub. | 6 | App. St. | 3 | Asp. (7)..... | | 0.778 14,976 | | | | 5238 |
| Sub. 6" App. St. 6" | 12 | App. St. | 3 | Asp. (1)..... | | 0.828 16,675 | | | Oiled. | 5239 |
| Li. | 4½ | Li. | 3 | Sc., water | | 0.790 10,450 | | | Oiled. | *5240 |
| Li. | 4½ | Li. | 3 | Sc., water | | 0.790 13,720 | | | | 5240A |
| Sub. | 6 | App. St. | 1 | HO. (10)..... | | 0.534 9,393 | | | | *5241 |
| Old Mac. Lo. St. | 2 | Li. | 3 | Sc., water | L. C. T. (17). | 0.694 12,571 | | | | 5241A |
| Sub. (puddled). | 6 | Lo. St. | 1 | Sc., water | HO (1)..... | 0.448 7,815 | | | | *5242 |
| Sub. | 6 | | | | | 0.375 | | | | |
| Sub. | 6 | Lo. St. | 3 | Ber. (1)..... | | 1.167 | | | | *5243 |
| Sub. | 6 | Br. | 4 | | | 1.935 | | | | |
| Set. | 4½ | Li. | 3 | Asp. (10)..... | | 0.802 | | | | 5243A |
| | | Li. | 3 | Asp. (10)..... | | 1.133 16,275 | | | | |
| | | Tr. | 2 | Asp. (11)..... | | 0.693 8,750 | | | | 5243B |
| | | Tr. | 1 | HO. (11)..... | | 0.334 5,475 | | | | |
| Lo. St. | 4½ | Li. | 3 | Asp. (11)..... | | 1.133 17,265 | | | | |
| Sub. | 6 | Li. | 3 | Asp. (11)..... | | 1.177 16,680 | | | | 5243 |
| Sub. | 6 | Lo. St. & Tr | 5 | Asp. (11)..... | | 1.840 23,000 | | | | 5243A |
| Sub. | 6 | Lo. St. | 4 | Asp. (11)..... | Tr. HO (11). | 1.501 20,721 | | | | 5243B |
| Sub. | 6 | Br. (23)..... | 4 | | | 1.935 24,790 | | | | |
| Grv. | 6 | App. St. | 3 | T. (17)..... | | 1.080 13,350 | | | Oiled. | 19244 |
| Grv. 6", Grv. 6" | 12 | App. St. | 3 | T. (17)..... | | 1.390 16,297 | | | | |
| | | F Con. (16) | 7-P | | | 1.233 15,090 | | | | *5245 |
| | | F Con. (16) | 7-P | | | 1.233 15,830 | | | | 5245A |
| Sub. | 3 | App. St. | 3 | Asp. (10)..... | | 0.852 18,250 | | | | 5246 |
| Li. | 4½ | Li. | 3 | Sc., water | | 0.767 11,291 | | | | *5247 |
| Li. | 4½ | Li. | 3 | Asp. (10)..... | | 1.128 14,168 | | | Oiled. | 5247A |
| Sub. | 3 | Li. | 3 | Sc., water | | 0.587 9,690 | | | | |
| Li. | 4½ | Li. | 3 | Sc., water | | 0.757 14,390 | | | | |
| Li. | 4½ | Li. | 3 | Asp. (10)..... | | 1.128 17,780 | | | | 5247 |
| Sub. | 3 | Li. | 3 | Sc., water | | 0.587 12,711 | | | | 5247A |
| Gn. Grn. | 3 | Gn. Grn. | 3 | Ber. (17)..... | | 0.948 14,220 | | | Oiled. | 5248 |
| Grv. Con. (h) (6) | 6 | | | | T. (17)..... | 1.180 14,361 | | | | |
| Grv. 6" Grv. Con. (h) (6) | 6 | | | | T. (17)..... | 1.380 16,218 | | | | |
| Sub. | 6 | H Con (10) | 5-P | | Doly. | 1.082 13,440 | | | Oiled. | 5250 |
| Grv. Con. (h) (1) | 6 | | | | T. (16), HO | 0.810 11,500 | | | | 5251 |
| 8 Con (17) | 6 | | | | (3, 4)..... | 0.926 12,709 | | | Oiled. | 5252 |
| Sub. | 6 | | | | | 0.383 8,460 | | | | *5253 |
| (Grading) | | | | | | 2,800 | | | | |
| Grv. 8 Con. | 5 | | | | T. () | 0.813 8,440 | | | | 5253A |
| Grv. 8 Con. | 5 | | | | | 0.750 7,552 | | | | |
| (Old sub.) | | St. | 3 | Sc., water | | 0.760 10,030 | | | | 5253B |
| Sub. | 5 | | | | | 0.459 7,120 | | | | |
| Sub. | 6 | Sl. & Li. | 2 | Sc., water | | 0.603 10,745 | | | | 5253C |
| (Old conc.) | | | | | T. (), Slag. | 0.206 | | | | |
| (Old sub.) | | F Con. | 5 | | | 1.236 14,300 | | | | 5253D |
| (Old sub.) | | Slag. | 3 | Sc., water | | 0.569 8,040 | | | | |
| Sub. | 6 | Grv. | 3 | Sc., water | T. (), Slag. | 0.591 7,730 | | | | 5253E |
| Old (sub), Grv. | 2 | Grv. | 3 | Sc., water | T. (), Slag. | 0.346 5,430 | | | | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--|--|---|--|
| | | Accepted | Under contract | | | | | | | | | |
| 5253 | Steuben.. | 16.96 | ..... | ..... | ..... | ..... | ..... | ..... | 5.49 0.21 3.89 4.27 2.83 0.27 3.92 | 14 16 16 14 16 16 16 | 26 26 26 24-26 26 26 26 | 45,145 1,968 36,501 35,877 26,617 2,537 36,976 |
| 5254 | Steuben.. | 3.92 | ..... | \$31,059 78 | \$31,059 78 | 6/15/12 | 100 | 11/12/13 | ..... | ..... | ..... | ..... |
| 5255 | Steuben.. | 3.85 | ..... | 26,626 50 | 26,626 50 | 7/22/12 | 100 | 8/21/13 | 3.09 0.76 | 16 16 | 28 28 | 29,066 7,094 |
| 5256 | Tomp... | 3.10 | ..... | 38,516 25 | 38,516 25 | 6/13/12 | 100 | 9/ 4/13 | 3.10 | 16 | 28 | 29,119 |
| 5257 | Tioga... | 9.71 | ..... | 138,791 67 | 133,950 82 | 6/17/12 | 100 | 9/28/14 | 9.51 0.20 1.17 | 16 30 12 | 26 30 32 | 89,284 3,702 8,281 |
| *5258 | Cattaraugus | 1.40 | ..... | 53,618 46 | 41,604 61 | 6/14/12 | ..... | ..... | 1.40 | 16-47 | 25-47 | 18,383 |
| 5258A | Cattaraugus | 5.34 | ..... | 89,821 34 | 81,985 50 | 3/29/15 | 100 | 8/22/17 | 4.74 0.60 | 16-21 16-26 | 26-32 24-32 | 44,529 8,039 |
| *5259 | Cattaraugus | 2.56 | ..... | 62,718 19 | 39,917 66 | 9/18/12 | 100 | 2/ 8/15 | 1.39 1.17 | 23-40 12 | 28-40 32 | 21,870 8,281 |
| 5259A | Cattaraugus | 4.27 | ..... | 63,857 27 | 63,857 27 | 6/ 9/15 | 100 | 1/ 3/17 | 4.27 | 16, 20 | 32-36 | 40,625 |
| 5260 | Chen... | 3.01 | ..... | 36,514 54 | 36,514 54 | 6/13/12 | 100 | 10/ 6/13 | 3.01 | 16 | 30 | 28,245 |
| 5261 | Chen... | 4.43 | ..... | 63,580 91 | 63,530 91 | 6/10/12 | 100 | 11/12/13 | 4.43 | 16 | 26-30 | 41,609 |
| *5261A | Chenango.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5262 | Chautau... | 2.15 | ..... | 59,701 72 | 46,341 06 | 6/25/12 | 100 | 12/18/14 | 2.15 | 16-38 | 30-38 | 25,328 |
| *5263 | Chautau... | ..... | ..... | 12,012 31 | 12,012 31 | 9/17/12 | ..... | ..... | 5.47 | ..... | ..... | ..... |
| 5263A | Chautau... | ..... | ..... | 89,912 70 | 89,912 70 | 11/ 2/14 | 100 | 8/15/17 | 5.35 0.12 | 16-32 16 | 32-40 32 | 50,344 1,173 |
| 5263 | Chautau... | 5.47 | ..... | 101,925 01 | 101,925 01 | ..... | ..... | ..... | 5.35 | 16-32 | 32-40 | 50,844 |
| 5263A | Chautau... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.12 | 16 | 32 | 1,173 |
| 5264 | Cattaraugus | 4.50 | ..... | 63,776 46 | 63,776 46 | 8/ 8/12 | 100 | 10/27/14 | 4.50 | 16 | 32 | 42,292 |
| *5265 | Cattaraugus | 3.37 | ..... | ..... | ..... | 6/14/12 | 100 | 10/11/16 | 2.43 0.94 | 16 | 32 | 22,775 |
| 5265A | Cattaraugus | 0.93 | ..... | 53,765 34 | 20,863 52 | 7/16/15 | 100 | 12/28/16 | 0.93 | 21 20-44 | 44 20-44 | 13,389 19,031 |
| 5266 | Jeffers... | 7.31 | ..... | 87,033 98 | 87,033 98 | 6/14/12 | 100 | 10/ 6/13 | 3.91 1.04 2.26 0.10 | 16 16 16 16 | 28 28 28 28 | 13,733 9,778 21,190 935 |
| 5267 | Jeffers... | 8.41 | ..... | 83,587 66 | 83,587 66 | 6/14/12 | 100 | 8/14/14 | 8.41 | 16 | 28 | 78,979 |
| 5268 | Hamilt... | 5.97 | ..... | 109,299 89 | 109,299 89 | 6/12/12 | 100 | 6/11/14 | 5.97 | 16 | 26 | 56,083 |
| 5269 | Jeffers... | 13.42 | ..... | 141,713 83 | 141,713 83 | 6/11/12 | 100 | 11/ 4/14 | 13.42 | 14, 16 | 28 | 125,938 |
| *5269A | Jeffers... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.32 | 16 | 28 | 3,033 |
| 5269B | Jeffers... | 0.49 | ..... | 5,863 81 | 5,863 81 | 3/20/15 | 100 | 6/11/15 | 0.17 | 16 | 28 | 1,491 |
| 5270 | Livingston | 6.92 | ..... | 89,902 06 | 87,141 03 | 6/15/12 | 100 | 3/ 3/14 | 5.68 1.24 1.34 0.20 | 16-24 16 16 40-110 | 28-46 16 28 40-110 | 55,592 11,644 12,546 7,097 |
| 5271 | Livingston | 5.50 | ..... | 77,956 03 | 71,325 30 | 6/11/12 | 100 | 6/ 4/14 | 2.23 1.73 4.26 | 16 16 12-16 | 28-43 23-28 22-30 | 21,010 16,266 33,228 |
| 5272 | Livingston | 4.26 | ..... | 57,314 76 | 57,314 76 | 6/12/12 | 100 | 12/15/13 | 4.26 | 16 | 32 | 59,090 |
| 5273 | Livingston | 6.30 | ..... | 75,530 72 | 75,530 72 | 6/12/12 | 100 | 11/12/13 | 6.30 | 16 | 32 | 42,947 |
| 5274 | Onondaga | 10.33 | ..... | 139,725 05 | 139,725 05 | 6/13/12 | 100 | 10/24/13 | 4.68 5.65 | 16 16 | 30 26-30 | 53,040 |
| 5274A | Onondaga | 0.18 | ..... | 2,821 13 | 2,821 13 | 10/29/15 | 100 | 7/12/16 | 0.18 5.15 | 16 16 | 22-24 30-32 | 1,650 48,395 |
| 5275 | Oswego... | 8.15 | ..... | 111,921 92 | 97,752 85 | 6/12/12 | 100 | 3/31/14 | 2.72 0.21 0.04 | 16 40-47 40-47 | 30 42-49 42-49 | 25,530 5,800 1,075 |
| 5276 | Oswego... | 6.17 | ..... | 95,547 75 | 95,547 75 | 6/11/12 | 100 | 1/15/14 | 5.11 1.06 | 16 16 | 30 30 | 48,253 9,920 |
| 5277 | Saratoga... | 1.03 | ..... | 31,880 62 | 22,125 33 | 6/14/12 | 100 | 10/23/13 | 0.31 0.72 | 39-44 16 | 42-47 32-43 | 5,785 7,295 |
| 5278 | Rensselaer | ..... | ..... | 26,078 43 | 26,078 43 | 6/11/12 | ..... | ..... | ..... | 16 | 26 | ..... |
| *5278A | Rensselaer | ..... | ..... | 46,221 57 | 46,221 57 | 11/ 4/14 | 100 | 1/18/16 | 3.12 0.21 0.33 | 16 16 16 | 26 26 26 | 31,700 1,930 3,110 |

* See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. |
|--------------------------------|-----------|----------------|-----------|--------------|-----------------------------|-----------------------------|-----------------|------------------|------|------------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-36' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. | 6 | Grv. | 3 | So. water | | 0.673 | 13,310 | | | |
| Sub. | 6 | St. | 3 | So. water | | 1.133 | 17,630 | | | |
| Sub. | 6 | St. | 3 | So. water | | 0.883 | 15,283 | | | |
| Sub. | 6 | St. | 2 | So. water | | 0.603 | 12,650 | | | 5253 |
| Sub. | 6 | S Con. | 5 | | T & Grv. | 1.349 | 19,650 | | | |
| Sub. | 6 | P Con. | 5 | | | 1.788 | 23,770 | | | |
| Fld. | 6 | Grv. | 2 1/2 | | CO. (10) | 0.573 | 7,920 | 1916 | 0.97 | 2 1/2" Bit. Mac. |
| | | | | | | | | 1917 | 0.88 | 2 1/2" Bit. Mac. |
| | | | | | | | | 1914 | 3.85 | WB. Mac. |
| Sub. | 6 | | | | | 0.406 | 6,196 | | | |
| Sub. 6" App. St. | 12 | | | | | 0.740 | 9,288 | | | 5255 |
| Sub. | 16 | Set | 3 | So. water | HO. (10) | 0.854 | 12,240 | | | 5256 |
| Sub. | 6 | App. St. | 3 | So. water | HO. (3, 7, 16) | 0.773 | 13,650 | | | 5257 |
| Grv. Con. (d) (8) | 5 | Br. (10) | 4 | | | 1.980 | 25,170 | | | |
| Grv. Con. (1) (4) | 5 | Br. (15) | 4 | | | 1.718 | 25,430 | | | 5258 |
| | | P Con. (5) | 7P | | | 1.083 | | | | 5258A |
| S Con. (1) (4, 5) | 6 | Br. (15) | 4 | | | 1.944 | | | | |
| S Con. (4) | 5 | Br. (9, 15) | 4 | | | 1.763 | 21,820 | | | 5259 |
| S Con. (4) | 5 | | | | Se. T. (17) | 0.613 | 11,000 | | | |
| | | F Con. (16) | 7P | | | 1.000 | 14,970 | | | 5259A |
| Sub. | 8 | App. St. | 3 | App. (5, 7) | | 0.853 | 11,870 | | | 5260 |
| Grv. | 5 | Li. | 3 | App. (4) | | 0.899 | 14,040 | | | 5261 |
| Grv. Con. (g, h) | 5 | Br. (34) | 4 | (11) | | 1.650 | 23,600 | | | 5261A |
| | | F Con. (4) | 7-P | | | 1.150 | 15,415 | | | 5262 |
| Li. | 5 | Li. | 3 | So. water | | 1.128 | 15,210 | | | 5263 |
| | | F Con. (4) | 7-P | | | 1.150 | 17,465 | | | 5263A |
| Li. | 5 | Li. | 3 | So. water | | 1.128 | 17,260 | | | 5263 |
| Grv. Con. (h) (11) | 6 | | | | T (17) HO (17) | 0.841 | 13,515 | 1917 | 0.60 | Brick |
| Grv. Con. (1, 4) | 5 | | | | T. (17) | 1.048 | | | | 5264 |
| Grv. Con. (1, 4) | 5 | Br (1, 14, 22) | | | | 1.846 | | | | 5265 |
| S Con. (4, 11, 16) | 6 | Br. (22, 32) | 4 | | | 1.630 | 28,630 | | | 5265A |
| App. St. | 3 | Li. | 3 | So. water | HO (10) | 0.555 | 10,630 | | | |
| Sub. | 6 | Li. | 3 | So. water | HO (10) | 0.665 | 11,660 | | | 5266 |
| Sub. | 6 | Grn. | 3 | App. (1) | | 0.855 | 13,445 | | | |
| App. St. | 3 | Grn. | 3 | App. (1) | | 0.744 | 13,400 | | | |
| Fld. Sub. | 6 | Li. | 3 | So. water | | 0.588 | 9,750 | | | 5267 |
| Gn. | 3 | Gn. | 3 | App. (1, 13) | | 0.927 | 18,295 | | | 5268 |
| Fld. Sub. | 6 | App. St. | 3 | App. (1) | | 0.932 | 10,480 | | | 5269 |
| Sub. 6" App. St. 2 | 8 | App. St. | 3 | App. (7) | | 1.21 | 17,100 | | | 5269A |
| | | | | | HO | 0.245 | | | | 5269B |
| Li. | 3 1/2 | Li. | 2 1/2 | App. (1) | | 0.941 | 12,100 | | | 5270 |
| Fld. Sub. | 7 | Li. | 3 | App. (1) | | 1.124 | 14,100 | | | |
| Grv. | 4 | Li. | 3 | App. (7) | | 0.793 | 11,720 | | | |
| S Con. (1) | 6 | | | | T. (16) L. Se. | 0.879 | 12,530 | | | 5271 |
| Li. | 3 | Li. | 3 | App. (7) | | 0.965 | 13,340 | | | |
| Fld. | 6 | Li. | 3 | App. (7) | | 0.929 | 13,000 | | | |
| Grv. | 4 | Li. | 3 | App. (1) | | 0.830 | 14,785 | | | 5272 |
| Grv. Con. (h) (16) | 6 | | | | Se. T. (16, 17) | 0.787 | 11,500 | | | 5273 |
| S Con. (d) (10) | | So. | 1 | T (17) | | 0.752 | 10,840 | 1916 | 0.88 | 2" Amicaste |
| S Con. (d) (10) | | So. | 1 | T (17) | | 0.960 | 12,790 | | | 5274 |
| App. St. | 4 | App. St. | 3 | App. (21) | | 1.148 | 16,070 | | | 5274A |
| App. St. | 4 | App. St. | 2 | App. (7) | | 0.803 | 11,250 | | | |
| Sub. 6" App. St. 4 | 10 | App. St. | 2 | App. (7) | | 0.957 | 12,701 | | | |
| S Con. (d) (1) | 6 | Br. (22) | 4 | | | 2.030 | 22,560 | | | 5275 |
| S Con. (d) (1) | 6 | St. Blk. | 4 | | | 4,230 | 49,180 | | | |
| | | H Con. (10) | 5 1/2 | | T. (17) Se. | 1.147 | 14,210 | 1917 | 1.73 | 2" Amicaste |
| H Con. (10) | 5 | Br. (12) | 4 | | | 2.192 | 24,020 | | | |
| Grv. Con. (g) | 5 | Br. (7) | 4 | | | 2.327 | 32,430 | | | 5277 |
| Grv. Con. (g) | 6 | | | | †Dolarway | 0.849 | 18,570 | | | |
| Grv. Con. (h) (3) | 6 | | | | HO. (10) | | | | | 5278 |
| | | F Con. (a) (2) | 6 | | | 1.130 | 12,250 | | | |
| | | Qrs. | 3 | So. water | HC. T. (17) | 0.499 | 6,327 | | | 5278A |
| App. St. | 3 | Qrs. | 3 | So. water | HC. T. (17) | 0.749 | 8,673 | | | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|--------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5278 | Renss. | 3.66 | ..... | 72,300 00 | 72,300 00 | ..... | 100 | ..... | ..... | ..... | ..... | ..... |
| 5278A | Renss. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5279 | Monroe | 6.63 | ..... | \$138,592 07 | 138,592 05 | 6/17/12 | 100 | 12/26/13 | { 0.66 5.99 | 16 16 | 32 32 | { 6,183 56,584 |
| 5280 | Nassau | ..... | 1.57 | 33,900 00 | 33,900 00 | 7/20/15 | 24 | ..... | 1.57 | 16 | 28 | 14,764 |
| 5281 | Saratoga | 1.77 | ..... | 18,779 16 | 18,779 16 | 6/13/12 | 100 | 12/31/12 | 1.77 | 16 | 26 | 16,558 |
| 5282 | Seneca | 6.88 | ..... | 89,135 39 | 85,687 88 | 6/13/12 | 100 | 9/28/14 | 6.88 | 16-30 | 30-56 | 67,778 |
| 5283 | St. Law. | 18.94 | ..... | 195,402 59 | 195,402 50 | 6/12/12 | 100 | 10/ 8/14 | 18.94 | 14, 16 | 28 | 156,890 |
| 5284 | St. Law. | 8.25 | ..... | 120,919 05 | 120,919 05 | 6/12/12 | 100 | 10/29/13 | 11.59 | 14, 16 | 28, 30 | 95,742 |
| 5284 | Frank. | 3.34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5285 | St. Law. | 14.91 | ..... | 170,484 74 | 170,484 74 | 6/12/12 | 100 | 1/ 5/14 | 14.91 | 14 | 26-28 | 122,467 |
| 5286 | Scho. | 4.11 | ..... | 48,517 86 | 48,517 86 | 9/17/12 | 100 | 2/ 3/15 | 4.11 | 16 | 26 | 38,592 |
| 5286A | Scho. | 0.59 | ..... | 10,091 38 | 10,091 33 | 11/ 4/14 | 100 | 12/ 3/15 | 0.59 | 16 | 26 | 5,561 |
| 5287 | St. Law. | 5.99 | ..... | 69,239 06 | 69,239 05 | 6/12/12 | 100 | 12/24/14 | 5.99 | 14 | 28 | 49,184 |
| 5288 | St. Law. | 4.87 | ..... | 142,530 97 | 73,753 82 | 6/27/12 | 100 | 5/12/14 | { 2.47 2.10 | 16-40 16-20 | 20-40 26 | { 50,580 21,853 |
| 5289 | Tioga | 0.97 | ..... | 52,384 87 | 52,386 87 | 6/21/12 | 100 | 10/ 6/13 | 3.65 | 16 | 26 | 34,376 |
| 5289 | Chem. | 2.66 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5290 | Wayne | 7.02 | ..... | 93,625 91 | 90,417 91 | 6/12/12 | 100 | 1/ 7/14 | { 6.53 0.49 | 16, 24 16, 40 | 26, 40 26, 40 | { 59,434 9,271 |
| 5291 | Yates | 1.75 | ..... | 86,033 41 | 47,025 06 | 6/12/12 | 100 | 1/ 8/13 | 1.75 | 22-40 | 24-40 | 27,117 |
| 5292 | Cortland | 0.87 | ..... | 13,540 77 | 13,540 77 | 6/12/12 | 100 | 9/ 4/13 | 0.87 | 14 | 26 | 7,175 |
| 5293 | Wash. | 6.01 | ..... | 67,246 72 | 67,246 72 | 6/30/12 | 100 | 10/23/13 | 6.01 | 16 | 22-32 | 56,445 |
| 5294 | Tomp. | 6.69 | ..... | 78,831 81 | 78,831 81 | 6/15/12 | 100 | 12/ 3/14 | 6.69 | 16 | 26 | 62,827 |
| 5295 | Schuyler | 4.38 | ..... | 82,677 08 | 67,874 08 | 7/ 1/12 | 100 | 11/ 4/14 | { 0.41 3.97 | 22 16 | 32 26-32 | { 8,049 37,899 |
| 5296 | Sullivan | 1.37 | ..... | 44,482 36 | 26,040 88 | 6/11/12 | 100 | 5/19/14 | { 1.08 0.29 | 16-40 40 | 28-40 40 | { 15,533 6,935 |
| 5297 | Orange | 3.94 | ..... | 53,466 52 | 53,466 52 | 6/11/12 | 100 | 7/ 9/13 | 2.85 | 16 | 28 | 26,770 |
| 5298 | West | ..... | ..... | 48,960 37 | 48,960 37 | 8/11/12 | ..... | ..... | 1.09 | 16 | 28 | 10,288 |
| 5298A | West | ..... | ..... | 68,327 89 | 68,327 89 | 5/15/14 | 100 | 1/25/15 | { 7.03 2.68 | 16 16 | 28 28 | { 25,327 25,327 |
| 5298A | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.16 | 16 | 28 | 38,904 |
| 5298A | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.19 | 16 | 28 | 1,826 |
| 5298A | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.68 | 16 | 28 | 25,327 |
| 5298A | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.16 | 16 | 28 | 38,904 |
| 5298A | West | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.19 | 16 | 28 | 1,826 |
| 5299 | Suffolk | 1.32 | ..... | 49,173 73 | 36,571 58 | 6/15/12 | 100 | 7/14/14 | 1.32 | 20-55 | 32-55 | 22,063 |
| 5300 | Suffolk | 1.04 | ..... | 17,845 98 | 17,845 93 | 7/10/12 | 100 | 12/31/12 | 1.04 | 16 | 32 | 10,400 |
| 5301 | Suffolk | 12.82 | ..... | 190,297 04 | 150,297 04 | 10/13/12 | 100 | 10/27/13 | 12.82 | 16 | 32-40 | 122,805 |
| 5302 | Livingst. | 6.40 | ..... | 86,900 35 | 79,456 16 | 6/12/12 | 100 | 1/15/14 | 6.40 | 16-38 | 20-40 | 65,333 |
| 5303 | Onesida | 0.82 | ..... | 47,322 16 | 20,547 58 | 6/27/12 | 100 | 1/22/13 | 0.82 | 20-45 | 26-45 | 18,060 |
| 5304 | Jeffers | 11.48 | ..... | 144,336 11 | 144,336 11 | 6/12/12 | 100 | 12/11/13 | { 11.33 0.15 | 14, 16 16 | 32 32 | { 106,336 1,383 |
| 5304A | Jeffers | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5305 | Niagara | 7.96 | ..... | 91,989 37 | 91,989 37 | 6/ 8/12 | 100 | 8/ 9/15 | { 1.70 6.25 | 16 16 | 28 28 | { 16,080 58,626 |
| 5306 | Niagara | 6.82 | ..... | 139,394 51 | 151,373 30 | 6/ 8/12 | 100 | 3/ 3/14 | 6.82 | 16-32 | 32-48 | 66,970 |
| 5307 | Onesida | 7.78 | ..... | 87,541 19 | 87,541 19 | 6/12/12 | 100 | 11/29/13 | 7.78 | 16 | 29 | 73,042 |
| 5308 | St. Law. | 2.81 | ..... | 33,234 47 | 29,861 58 | 6/17/12 | 100 | 12/ 2/13 | 2.51 | 16-24 | 32-33 | 27,143 |
| 5309 | Lewis | 1.31 | ..... | 70,986 27 | 33,867 55 | 6/27/12 | 100 | 12/10/13 | 1.31 | 16-30 | 30-63 | 25,070 |
| 5310 | Renss. | 0.95 | ..... | 19,926 18 | 13,916 72 | 6/11/12 | 100 | 11/29/13 | 0.95 | 120, 22 | 25-30 | 11,479 |
| 5311 | Clinton | 3.35 | ..... | 73,070 36 | 73,070 36 | 6/17/12 | 100 | 10/30/13 | 4.92 | 16 | 24-26 | 44,303 |
| 5311 | Emax | 1.57 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5312 | Allegany | ..... | ..... | 62,013 02 | 43,405 02 | 9/17/12 | 100 | 3/30/14 | 1.16 | 16-50 | 21-50 | 16,468 |
| 5312A | Allegany | ..... | ..... | 58,024 32 | 56,024 32 | 5/15/14 | 100 | 12/17/14 | { 4.01 0.77 | 16 16 | 32 32 | { 37,677 7,212 |

* See Appendix B, list of counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERMANENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|---------------------------|-----------|--------------------|-----------------------------|-----------------------------|--------------------|-------|------------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sc. Grv. Con (d) | 5 | Br. | 4 | (16) | 2.168 | 24,955 | | | | 5278 |
| Sc. Grv. Con. (d) (16) | 5 | App. St. | 1 1/2 | Asp. (3) MM. | 1.622 | 19,830 | | | | 5279 |
| Sub. | 6 | F Con. (14) | 6 1/2 | Asp. (1) | 1.191 | 31,370 | | | | 5280 |
| S Con. (16, 20) | 6 | App. St. | 3 | Asp. (1) | 0.706 | 10,575 | | | Oiled. | 5281 |
| Sub. | 6 | Gn. Grn. | 3 | Asp. (1) | 1.075 | 13,650 | 1917 | 0.81 | 2" Amianite | 5282 |
| Fid. | 6 | Grn. | 3 | Asp. (1, 7) | 0.824 | 11,085 | | | Oiled. | 5283 |
| Sub. | 6 | App. St. | 3 | Asp. (1, 7, 8) | 0.880 | 11,300 | | | Oiled. | 5284 |
| Fid. | 6 | Li. | 3 | Sc. water | 0.908 | 12,380 | | | Oiled. | 5285 |
| Sub. | 6 | Li. | 3 | Sc. water | 0.393 | 11,810 | | | Oiled. | 5286 |
| Fid. | 6 | Li. | 3 | Asp. (11) | 0.862 | 16,285 | | | Oiled. | 5286A |
| S Con. (d) (10) | 5 | Br. (9, 23, 27, 31) | 4 | Sc. water | 0.794 | 12,175 | | | Oiled. | 5287 |
| Sub. | 8 | App. St. | 3 | Asp. (1) | 2.274 | 22,215 | | | | 5288 |
| Sub. | 8 | App. St. | 1 | H. O. (10) | 0.672 | 8,175 | | | | 5289 |
| Sub. | 9 | App. St. | 3 | Asp. (1, 8) | 0.656 | 14,350 | 1916 | 0.97 | 2 1/2" Bit. Mac. | 5290 |
| Grv. Con. (h) | 7 | App. St. | 3 | Asp. (1, 8) | 0.934 | 13,050 | | 2.68 | Oiled. | 5291 |
| App. St. | 5 | Br. (10) | 4 | (1, 24) | 0.840 | 12,165 | | | Oiled. | 5292 |
| Sub. | 3 | App. St. | 3 | Asp. (1) | 2.014 | 36,790 | | | Oiled. | 5293 |
| Sub. | 6 | App. St. | 3 | Sc. water | 0.906 | 16,530 | | | Oiled. | 5294 |
| Grv. Con(d)(13) | 6 | App. St. | 3 | Sc. water | 0.736 | 11,129 | | | Oiled. | 5295 |
| Sub. | 6 | Br. (7) | 4 | H. O. (2) | 0.797 | 11,630 | | | Oiled. | 5296 |
| App. St. | 6 | Li. | 3 | Sc. water | 2.130 | 26,668 | | | Oiled. | 5296A |
| S Con. (d) (1, 24) | 3 | App. St. | 3 | Asp. (1) | 0.905 | 15,604 | | | Oiled. | 5297 |
| Old Telford | 5 | Br. (22) | 4 | Asp. (7) | 0.769 | 15,915 | | | Oiled. | 5298 |
| S Con. (3) | 6 | App. St. | 3 | Asp. (7) | 2.210 | 28,505 | | | Oiled. | 5299 |
| App. St. | 5 | App. St. | 3 | Asp. (7) | 0.762 | 13,880 | | | Oiled. | 5300 |
| Sub. 6" Ap. St. 2" | 8 | App. St. | 3 | Asp. (7) | 0.517 | 11,575 | | | Oiled. | 5301 |
| S Con. | 6 | | | | 0.683 | | | | Oiled. | 5301A |
| App. St. | 5 | App. St. | 3 | T. (16) | 0.178 | | | | Oiled. | 5302 |
| Sub. 6" Ap. St. 2" | 8 | App. St. | 3 | T. (16) | 0.986 | | | | Oiled. | 5303 |
| S Con. | 6 | App. St. | 3 | T. (16) | 1.236 | | | | Oiled. | 5304 |
| App. St. | 5 | App. St. | 3 | T. (16) | 0.866 | 14,850 | | | Oiled. | 5305 |
| Sub. 6" Ap. St. 2" | 8 | App. St. | 3 | T. (16) | 0.986 | 16,030 | | | Oiled. | 5306 |
| Grv. | 4 | App. St. | 3 | T. (16) | 1.236 | 18,370 | | | Oiled. | 5307 |
| Grv. | 4 | Grv. | 2 1/2 | Asp. (17) MM. | 1.526 | 24,485 | | | Oiled. | 5308 |
| Grv. | 4 | Grv. | 2 1/2 | Ber. (1) MM. | 1.520 | 16,040 | | | Oiled. | 5309 |
| | | F Con. (5, 6, 14, 15, 17) | 6-P | | 1.000 | 11,760 | | | Oiled. | 5310 |
| Grv. Con(h)(11) | 5 | | | T(16) H.O. (4) | 0.793 | 12,070 | 1917 | 3.24 | M.M.-2 | 5311 |
| Grv. Con. (h) (10, 13) | 5 | Br. (31) | 4 | | 2.070 | 25,321 | 1917 | 1.05 | 2 1/2" Bit. Mac. | 5312 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.926 | 12,280 | | | Oiled. | 5313 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.926 | 12,280 | | | Oiled. | 5314 |
| Li. | 5 1/2 | Li. | 3 | Asp. (1) | 1.145 | 13,360 | | | Oiled. | 5315 |
| Li. | 3 | Li. | 3 | Asp. (1) | 0.899 | 10,990 | | | Oiled. | 5316 |
| Grv. Con.(h)(4) | 5 | Br. (20) | 4 | | 1.897 | 22,180 | | | Oiled. | 5317 |
| Sub. | 6 | Li. | 3 | Ber. (1) | 0.877 | 11,140 | | | Oiled. | 5318 |
| Fid. | 3 | Fid. | 3 | Ber. (1) | 0.922 | 11,460 | | | Oiled. | 5319 |
| S Con. (d) (11, 12, 15) | 6 | Bitu. | 2 | | 2.161 | 26,555 | | | Oiled. | 5320 |
| App. St. | 4 | App. St. | 3 | Asp. (1), Trn. (1) | 0.787 | 16,930 | | | Oiled. | 5321 |
| Sub. | 6 | App. St. | 3 | Asp. (7) | 0.852 | 14,840 | | | Oiled. | 5322 |
| Grv. Con.(13)(d) | 5 | Br. (18) | 4 | | 2.068 | | | | Oiled. | 5323 |
| Sub. | 6 | Li. & SL | 2 | Asp. (2) | 0.851 | 11,406 | | | Oiled. | 5324 |
| Grv. | 6 | Li. & SL | 2 | Asp. (2) | 0.785 | 10,781 | | | Oiled. | 5325 |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------|----------|----------------|--------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| *5312 | Allegany | 5.94 | | \$118,037 34 | \$99,430 24 | | | | 1.16 | 16-50 | 21-50 | 16,468 |
| 5312A | Allegany | | | | | | | | 4.01 | 16 | 32 | 37,677 |
| 5312B | Allegany | 0.17 | | 4,009 02 | 4,009 02 | 9/10/14 | 100 | 11/30/14 | 0.77 | 16 | 32 | 7,212 |
| 5313 | Saratoga | 1.30 | | 52,871 06 | 35,378 87 | 9/17/12 | 100 | 1/ 7/14 | 0.17 | 16 | 32 | 1,582 |
| | | | | | | | | | 1.09 | 32-43 | 32-43 | 15,898 |
| 5314 | Schenect. | 5.45 | | 82,901 97 | 82,901 97 | 4/ 2/14 | 100 | 12/14/14 | 0.21 | 16 | 26 | 1,944 |
| | | | | | | | | | 0.29 | 16 | 26 | 2,760 |
| 5315 | Orleans | 2.40 | | 79,613 73 | 53,570 71 | 10/ 3/12 | 100 | 3/33/14 | 5.16 | 16 | 28 | 48,383 |
| 5316 | Wash. | 3.09 | | 30,569 83 | 30,569 83 | 9/17/12 | 100 | 11/12/13 | 2.47 | 16-33 | 3-38 | 32,323 |
| *5317 | Erie | 4.97 | | 132,907 31 | 120,452 31 | 4/ 3/14 | 100 | 12/23/14 | 3.09 | 16 | 26 | 29,014 |
| 5318 | Onon. | | | 38,219 06 | 34,916 30 | 9/17/12 | 100 | 10/29/13 | 4.97 | 16 | 26-36 | 50,472 |
| | | | | | | | | | 0.35 | 20 | 28 | 4,747 |
| 5318A | Onon. | | | 4,140 51 | 4,140 51 | 8/25/14 | 100 | 11/28/14 | 0.72 | 16 | 32 | 6,716 |
| 5318 | Onon. | | | | | | | | 0.14 | 16,20 | 20 | 1,637 |
| 5318A | Onon. | 1.18 | | 42,359 57 | 39,056 81 | | | | 10.35 | 16,20 | 20 | 4,737 |
| | | | | | | | | | 0.72 | 16 | 32 | 1,687 |
| 5319 | Niagara | 6.63 | | 52,188 38 | 52,188 38 | 9/17/12 | 100 | 12/26/13 | 0.72 | 16 | 32 | 6,634 |
| 5320 | Chautau | 1.07 | | 37,381 67 | 25,984 33 | 10/23/12 | 100 | 1/15/14 | 6.63 | 16 | 44 | 62,789 |
| 5321 | West | 1.64 | | 12,333 94 | 12,333 94 | 9/17/12 | 100 | 7/ 2/13 | 1.07 | 16-44 | 33-45 | 12,416 |
| 5322 | Sullivan | 8.45 | | 97,888 44 | 97,888 44 | 9/17/12 | 100 | 11/26/13 | 1.64 | 16 | 28 | 15,430 |
| 5323 | Ontario | 1.90 | | 99,058 34 | 99,058 34 | 9/21/12 | 100 | 12/15/13 | 8.45 | 14-16 | 26-28 | 73,091 |
| *5123 | Yates | 6.25 | | 124,642 82 | 125,642 82 | 9/18/12 | 100 | 12/15/13 | 6.67 | 14 | 28 | 54,757 |
| 5324 | Yates | | | | | | | | 1.43 | 14 | 28 | 12,134 |
| | | | | | | | | | 8.42 | 14 | 28 | 69,162 |
| 5324A | Yates | | | 14,301 40 | 14,301 40 | 4/ 3/14 | 100 | 8/12/14 | 2.47 | 14 | 28 | 20,285 |
| 5324 | Yates | 10.89 | | 138,944 22 | 139,944 22 | | 100 | | 8.42 | 14 | 28 | 69,162 |
| 5324A | Yates | | | | | | | | 2.47 | 14 | 28 | 20,285 |
| 5325 | Oneida | 12.37 | | 148,239 64 | 148,239 64 | 12/19/12 | 100 | 8/12/14 | 12.37 | 16 | 26 | 116,090 |
| 5326 | Dutchess | 3.93 | | 55,385 13 | 55,385 13 | 9/30/12 | 100 | 9/11/13 | 3.93 | 16 | 28 | 36,888 |
| 5327 | Lewis | 14.77 | | 136,916 04 | 136,916 04 | 9/23/12 | 100 | 1/ 5/14 | 14.77 | 16 | 28 | 138,664 |
| 5328 | Orange | 4.90 | | 97,303 90 | 97,303 90 | 9/17/12 | 100 | 7/14/14 | 4.90 | 14-16 | 24-26 | 45,655 |
| 5328A | Orange | 0.90 | | 15,645 87 | 15,645 87 | 5/25/14 | 100 | 4/17/15 | 0.90 | 14-16 | 26 | 8,066 |
| 5328B | Orange | 6.29 | | 101,698 95 | 101,698 95 | 6/17/15 | 100 | 9/26/17 | 5.39 | 14 | 24 | 44,274 |
| | | | | | | | | | 0.90 | 14 | 24 | 7,407 |
| | | | | | | | | | 2.50 | 14 | 30 | 20,534 |
| 5329 | Madison | 10.11 | | 119,287 44 | 119,287 44 | 9/18/12 | 100 | 10/ 6/14 | 3.50 | 14 | 26,30 | 28,747 |
| | | | | | | | | | 4.11 | 14 | 30 | 32,756 |
| 5330 | Madison | 5.63 | | 81,830 13 | 81,830 13 | 9/17/12 | 100 | 10/ 6/14 | 2.74 | 14 | 26 | 22,540 |
| | | | | | | | | | 2.89 | 14 | 30,40 | 23,718 |
| 5331 | St. Law. | 1.76 | | 23,898 57 | 16,101 90 | 9/17/12 | 100 | 12/16/13 | 1.26 | 20-54 | Av. 50 | 21,311 |
| | | | | | | | | | 0.59 | 16 | 32 | 4,000 |
| 5332 | Lewis | | | 100,501 47 | 100,501 47 | 9/24/12 | 100 | 12/14/14 | 6.71 | 16 | 26 | 63,027 |
| 5332 | Jeffers | | | | | | | | 2.05 | 16 | 26 | 19,257 |
| 5332A | Jeffers | | | 19,572 50 | 12,911 91 | 8/20/14 | 100 | 1/ 4/15 | 0.37 | 16-36 | 30-36 | 9,678 |
| | | | | | | | | | 0.07 | 19-32 | 32 | 1,481 |
| 5332B | Lewis | | | 73,789 98 | 73,789 98 | 6/18/15 | 100 | 1/12/16 | 4.81 | 16 | 28 | 45,133 |
| | | | | | | | | | 2.05 | 16 | 28 | 19,248 |
| 5332 | Jeffers | 1.13 | | 193,863 95 | 187,203 36 | | | | 6.73 | 16 | 26 | 63,207 |
| 5332A | Jeffers | | | | | | | | 6.86 | 16 | 28 | 64,381 |
| 5332B | Lewis | 13.22 | | | | | | | 0.69 | 16-36 | 30-36 | 9,678 |
| | | | | | | | | | 0.07 | 32-19 | 32 | 1,481 |
| 5333 | Tioga | 1.28 | | 26,518 92 | 15,513 13 | 10/17/12 | 100 | 9/26/13 | 1.28 | 16,22 | 25 | 16,055 |
| 5334 | Schuyler | | | 2,169 28 | 2,169 28 | 9/16/12 | 100 | | | | | |
| 5334A | & Yates | 7.85 | | 116,100 00 | 116,100 00 | 7/ 9/14 | 97 | | 1.10 | 21-34 | 30-43 | 64,584 |
| 5335 | Schuyler | 1.75 | | 63,534 28 | 38,726 23 | 9/23/12 | 100 | 4/23/14 | 0.65 | 16 | 26 | 6,276 |
| 5336 | Wash. | 9.48 | | 115,148 20 | 115,148 20 | 9/17/12 | 100 | 2/20/14 | 3.96 | 16 | 26 | 37,200 |
| | | | | | | | | | 5.52 | 16 | 26 | 51,883 |
| 5337 | Clington | 2.36 | | 26,121 12 | 26,121 12 | 9/17/12 | 100 | 12/15/13 | 2.36 | 16 | 32 | 22,187 |
| *5338 | Broome | | | 137,588 97 | 132,917 09 | 9/23/13 | 100 | 12/15/14 | 9.52 | 16-31 | 26-39 | 92,073 |
| 5338A | Broome | | | 59,083 59 | 59,083 50 | 4/14/14 | 100 | 1/12/15 | 2.93 | 16 | 26 | 27,534 |
| | | | | | | | | | 1.23 | 16 | 26 | 11,614 |
| 5338 | Broome | 13.33 | | | | | | | 9.56 | 16-34 | 26-37 | 92,280 |
| | | | | | | | | | 2.95 | 16 | 26 | 27,673 |
| 5338A | Dela | 0.38 | | 196,672 47 | 192,000 50 | | | | 1.23 | 16 | 23 | 11,550 |

*See appendix B, list by counties.

† Changed from original plans.

‡ Railroad paved additional width of 9 feet

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|----------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|-----------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Grv. Con. (d) (18) | 5 | Br. (18) | 4 | | 2.068 | 26,835 | | | | 5312 |
| Sub | 6 | Li. & Si. | 2 | Asp. (2) | 0.852 | 15,460 | | | | 5312A |
| Grv. | 6 | Li. & Si. | 2 | Asp. (2) | 0.785 | 14,840 | | | | 5312B |
| Sub | 6 | Si. | 3 | Sc., water | 0.711 | 21,680 | | | | 5313 |
| Grv. Con. (g) (9) | 5 | Br. (25) | 4 | | 2.260 | 31,250 | | | | |
| Sub | 6 | App. St. | 3 | Asp. (7) | 0.903 | 18,510 | | | | |
| 8 Con. (d) (10) | 6 | Br. (1), (25) | 4 | | 1.167 | 13,670 | | | | 5314 |
| | 6 | FCon. (a) (10) | 7-P | | 2.333 | 24,620 | | | | |
| S. Con. | 5 | Br. | 4 | | 1.74 | 22,035 | | | | 5315 |
| Qrs. | 3 | Qrs. | 4 | Asp. (10) | 0.696 | 9,890 | | | Oiled | 5316 |
| 8 Con. (13) | 5 | Br. (22) | 4 | | 1.990 | 24,850 | | | | 5317 |
| S Con. (d) (17) | 5 | Br. (3) | 4 | | 2.292 | 39,110 | | | | 5318* |
| App. St. | 4 | Li. | 2 | Asp. (7) | 0.952 | 26,535 | | | | |
| Li. | 3 | Li. | 3 | Asp. (2) | 0.943 | 27,340 | | | | 5318A |
| S Con. (d) (17) | 5 | Br. (3) | 4 | | 2.292 | 40,235 | | | | |
| Li. | 3 | Li. | 3 | Asp. (2) | 0.942 | 27,570 | | | | 5318 |
| Li. | 4 | Li. | 2 | Asp. (7) | 0.952 | 27,650 | | | | 5318A |
| Grv. Con. (h) (16) | 5 | Br. (15) | 4 | T. (16), 8a | 0.666 | 7,410 | | | Oiled | 5319 |
| Grv. Con. (h) (16) | 5 | Br. (15) | 4 | | 2.100 | 29,775 | | | | 5320 |
| Old Mac. | 2 | App. St. | 3 | T. (17) | 0.681 | 7,590 | | | Oiled | 5321 |
| Sub | 6 | Set. | 3 | Asp. (1) | 0.668 | 12,975 | | | Oiled | 5322 |
| App. St. | 4 | App. St. | 2 | Asp. (7) | 0.987 | 12,903 | 1917 | 2.00 | 2 1/2 Bit. Mac. | 5323 |
| Fld. 6", Ap. St. 4" | 10 | App. St. | 2 | Asp. (7) | 1.250 | 15,265 | | | | 5324* |
| Sub | 6 | Fld. | 13 | Asp. (7) | 1.080 | 13,698 | | | | |
| Sub | 6 | | | Asp. (7) | 0.483 | 8,317 | | | | 5324A |
| Sub | 6 | Fld. | 3 | Asp. (7) | 0.619 | 6,517 | | | Oiled | 5324 |
| Sub | 6 | Fld. | 3 | Asp. (7) | 1.080 | 13,780 | | | Oiled | 5324A |
| Li. | 6 | Dol. | 3 | Sc., water | 0.878 | 11,985 | | | Oiled | 5325 |
| Sub | 6 | Li. | 3 | Asp. (1) | 0.847 | 13,830 | | | Oiled | 5326 |
| Sub | 6 | App. St. | 3 | Asp. (1) | 0.668 | 9,114 | | | Oiled | 5327 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.706 | 18,660 | | | | 5328 |
| App. St. | 5 | App. St. | 3 | Asp. (10) | 0.863 | 17,740 | | | | 5328A |
| Lo. St. | 5 | Lo. St. | 3 | Sc., water | 0.567 | 7,740 | | | | 5328B |
| Fld. 8, Lo. St. 2 | 10 | Lo. St. | 3 | Sc., water | 0.664 | 7,740 | | | | |
| Grv. | 6 | Grv. | 3 | HO. (3) | 0.554 | 10,235 | | | | 5329 |
| Grv. | 6 | Grv. | 3 | Asp. (3) | 0.768 | 12,245 | | | Oiled | 5330 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.998 | 14,415 | | | Oiled | 5331 |
| Li. | 4 | Li. | 3 | Asp. (10) | 1.071 | 16,570 | | | Oiled | 5332 |
| Grv. | 6 | Li. | 2 | Asp. (3) | 0.755 | 13,610 | | | Oiled | 5332A |
| Old Mac. | 6 | App. St. | 3 | Asp. (8) | 0.725 | 8,995 | | | Oiled | 5332B |
| App. St. | 3 | App. St. | 3 | Asp. (8) | 0.990 | 11,180 | | | | 5333 |
| Sub | 6 | Li. | 3 | Sc., water | 0.771 | 11,180 | | | Oiled | 5334 |
| Sub | 6 | Li. | 3 | Sc., water | 0.292 | 11,180 | | | Oiled | 5335 |
| Grading | | F Con. (a) | Av. 6 | (10) | 0.975 | 14,980 | | | | 5332A |
| 8 Con. (d) (10) | 6 | Br. (18) | 4 | | 2.294 | 27,360 | | | | 5332B |
| Sub. 6, Li. 2 | 2 | Li. | 3 | Asp. (10) | 0.921 | 11,265 | | | | 5332 |
| Li. | 2 | Li. | 3 | Asp. (10) | 0.672 | 8,930 | | | | 5332A |
| Sub | 6 | Li. | 3 | Sc., water | 0.771 | 12,000 | | | | 5332B |
| Sub. 6, Li. 2 | 2 | Li. | 3 | Asp. (10) | 0.934 | 13,530 | | | | 5333 |
| | 6 | FCon. (a) | Av. 6 | (10) | 0.975 | 14,910 | | | | 5334 |
| 8 Con. (d) (10) | 6 | Br. (18) | 4 | | 2.294 | 26,290 | | | | 5335 |
| Grv. | 6 | Li. | 3 | Asp. (7) HO. (7) | 0.881 | 13,080 | | | Oiled | 5336 |
| 8 Con. (16, 22) | 5 | Br. (23) | 4 | (1, 11, 14, 20) | 0.903 | 15,850 | | | | 5337 |
| Grv. Con. (d) | 6 | Set. | 3 | Sc., water | 1.960 | 30,121 | | | Oiled | 5338 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.835 | 19,731 | | | Oiled | 5339 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.726 | 12,168 | | | Oiled | 5340 |
| App. St. | 3 | App. St. | 3 | Asp. (10) | 0.759 | 11,855 | | | | 5341 |
| Sub | 6 | App. St. | 3 | Sc., water | 0.757 | 10,745 | | | | 5342 |
| Sub | 6 | Set. | 3 | Asp. (10) | 0.960 | 13,930 | | | | 5343 |
| Lo. St. | 4 1/2 | Li. | 3 | Sc., water | 0.833 | 13,405 | | | Oiled | 5344 |
| Lo. St. | 4 1/2 | Tr. | 3 | Asp. (11) | 1.103 | 16,935 | | | | 5345 |
| Sub | 6 | App. St. | 3 | Asp. (10) | 0.931 | 14,170 | | | | 5346 |
| App. St. | 4 1/2 | App. St. | 3 | Sc., water | 0.830 | 13,220 | | | | 5347 |
| App. St. | 4 1/2 | App. St. | 3 | Asp. (11) | 1.108 | 15,830 | | | | 5348 |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|--------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5339 | Broome... | 1.05 | ..... | \$23,210 76 | \$22,212 72 | 9/17/12 | 100 | 12/16/13 | 1.05 | 16 | 26 | 9,866 |
| 5340 | Dela.... | 6.84 | ..... | 118,567 82 | 118,567 82 | 6/30/14 | 100 | 1/ 9/17 | 6.84 | 14 | 24 | 56,182 |
| 5341 | Allegheny... | 6.80 | ..... | 69,582 67 | 69,582 67 | 10/ 3/12 | 100 | 8/26/14 | 6.80 | 16 | 32 | 63,893 |
| 5342 | Steuben... | 0.55 | ..... | 29,171 00 | 26,444 95 | 9/17/12 | 100 | 12/ 4/13 | 10.55 | 20 | 26-46 | 6,533 |
| 5343 | Scho.... | 2.65 | ..... | 135,326 55 | 125,447 12 | 9/17/12 | 100 | 12/24/13 | 12.00 | 14-34 | 24-36 | 111,984 |
| 5343 | Dela.... | 9.42 | ..... |  |  |  |  |  |  |  |  |  |
| 5344 | Jeffers... | 1.97 | ..... | 62,993 97 | 42,786 47 | 9/28/12 | 100 | 8/22/14 | 1.70 | 16-48 | 20-48 | 20,744 |
| | | | | | | | | | 0.27 | 10 | 25 | 7,258 |
| 5345 | Oneida... | 5.86 | ..... | 71,589 76 | 71,589 76 | 2/ 7/14 | 100 | 3/ 1/15 | 5.86 | 13-16 | 26 | 54,947 |
| 5346 | Oneida... | 6.11 | ..... | 67,573 57 | 65,832 91 | 9/17/12 | 100 | 9/ 4/14 | 6.11 | 16-24 | 26-36 | 61,162 |
| 5347 | Colum... | 4.85 | ..... | 45,527 01 | 45,527 01 | 9/18/12 | 100 | 9/23/13 | 4.85 | 16 | 28 | 45,492 |
| | | | | | | | | | 0.14 | 28-38 | 40 | 3,044 |
| *5348 | Steuben... |  | ..... | 128,881 84 | 117,518 79 | 9/25/12 | 100 | 4/30/14 | 4.83 | 16-24 | 26-27 | 48,339 |
| | | | | | | | | | 3.78 | 16 | 26 | 35,566 |
| 5348A | Steuben... |  | ..... | 10,745 30 | 10,745 30 | 5/15/14 | 100 | 2/ 3/16 | 1.22 | 14 | 26 | 10,018 |
| 5348B | Steuben... |  | ..... | 73,475 48 | 73,475 48 | 5/19/14 | 100 | 2/27/15 | 2.57 | 14 | 26 | 21,171 |
| | | | | | | | | | 4.04 | 14 | 26 | 33,189 |
| | | | | | | | | | 0.14 | 28-38 | 40 | 3,044 |
| 5348 | Steuben... | 12.80 | ..... | 213,102 62 | 201,739 57 | ..... | ..... | ..... | 4.83 | 16-24 | 26-27 | 48,339 |
| 5348A | Steuben... | | | | | | | | 1.22 | 14 | 26 | 10,018 |
| 5348B | Steuben... | | | | | | | | 2.57 | 14 | 26 | 21,171 |
| | | | | | | | | | 4.04 | 14 | 26 | 33,189 |
| | | | | | | | | | 0.51 | 16-32 | 28-44 | 6,893 |
| *5349 | Steuben... |  | ..... | 62,059 89 | 58,682 20 | 9/17/12 | 100 | 4/30/14 | 2.11 | 14-16 | 24-26 | 23,084 |
| | | | | | | | | | 0.46 | 14 | 26 | 3,731 |
| 5349A | Steuben... |  | ..... | 20,277 12 | 20,277 12 | 5/15/14 | 100 | 10/13/14 | 0.46 | 14 | 26 | 3,709 |
| | | | | | | | | | 1.68 | 14 | 26 | 13,882 |
| | | | | | | | | | 0.51 | 16-32 | 28-44 | 6,893 |
| 5349 | Steuben... | 5.26 | ..... | 82,337 01 | 78,959 32 | ..... | ..... | ..... | 2.61 | 14-16 | 24-26 | 23,084 |
| 5349A | Steuben... | | | | | | | | 0.46 | 14 | 26 | 3,709 |
| | | | | | | | | | 1.68 | 14 | 26 | 13,882 |
| 5350 | Steuben... | 1.89 | ..... | 79,758 79 | 43,536 93 | 10/16/14 | 100 | 12/ 3/15 | 1.74 | 16-61 | 16-62 | 32,900 |
| | | | | | | | | | 0.15 | 16-20 | 26-30 | 1,460 |
| 5351 | Steuben... | 1.50 | ..... | 12,333 38 | 12,333 38 | 9/19/12 | 100 | 5/12/14 | 1.50 | 16 | 20-28 | 14,120 |
| *5352 | Steuben... |  | ..... | 142,728 44 | 142,728 44 | 10/ 4/12 | 100 | 11/ 4/14 | 4.52 | 14 | 26 | 37,126 |
| | | | | | | | | | 1.21 | 14 | 26 | 9,967 |
| 5352A | Steuben... |  | ..... | 43,650 13 | 43,650 13 | 5/19/14 | 100 | 11/10/14 | 1.21 | 14 | 26 | 9,967 |
| | | | | | | | | | 3.73 | 14 | 26 | 30,610 |
| 5352B | Steuben... |  | ..... | 3,310 77 | 3,310 77 | 8/18/14 | 100 | 12/ 8/14 | 0.91 | 14 | 24 | 7,457 |
| | | | | | | | | | 4.52 | 14 | 26 | 37,126 |
| 5352 | Steuben... | 10.37 | ..... | 189,689 34 | 189,689 34 | ..... | ..... | ..... | 0.91 | 14 | 24 | 7,457 |
| 5352A | Steuben... | | | | | | | | 1.21 | 14 | 26 | 9,967 |
| 5352B | Steuben... | | | | | | | | 3.73 | 14 | 26 | 31,610 |
| 5353 | Steuben... | 0.23 | ..... | 5,021 86 | 5,021 86 | 9/19/12 | 100 | 11/19/13 | 0.13 | 25 | 32 | 1,232 |
| | | | | | | | | | 0.10 | 16 | 26 | 896 |
| 5354 | Renss... | 5.11 | ..... | 66,165 79 | 66,165 79 | 9/20/12 | 100 | 11/11/15 | 2.70 | 16 | 26 | 25,333 |
| | | | | | | | | | 2.41 | 16 | 26 | 22,613 |
| 5355 | West.... | 2.43 | ..... | 73,150 67 | 60,470 76 | 5/15/14 | 100 | 8/20/15 | 2.43 | 20 | 25-34 | 28,590 |
| 5356 | West.... | 2.23 | ..... | 92,074 86 | 50,161 62 | 6/29/14 | 100 | 2/28/16 | 0.53 | 27-29 | 27-29 | 8,688 |
| | | | | | | | | | 1.70 | 25-34 | 25-34 | 26,676 |
| 5357 | West.... | 0.95 | ..... | 31,262 42 | 11,386 70 | 9/20/12 | 100 | 10/15/13 | 0.95 | 21 | 30 | 11,700 |
| *5358 | West.... |  | ..... |  |  |  |  |  |  |  |  |  |
| 5359 | West.... | 6.48 | ..... | 106,359 79 | 74,350 31 | 9/17/12 | 100 | 12/30/13 | 6.48 | 16-20 | 28-34 | 72,780 |
| 5360 | West.... | 5.04 | ..... | 58,991 23 | 58,931 23 | 9/17/12 | 100 | 10/15/13 | 5.04 | 16 | 26 | 47,289 |
| 5361 | West.... | 0.83 | ..... | 25,342 77 | 21,262 41 | 3/11/14 | 100 | ..... | 0.68 | 20 | 30 | 8,000 |
| | | | | | | | | | 0.15 | 20 | 30 | 1,780 |
| 5362 | West.... | 0.25 | ..... | 6,896 22 | 6,896 22 | 3/20/14 | 100 | 8/25/15 | 0.25 | 16 | 30 | 2,348 |
| 5363 | West.... | 0.94 | ..... | 36,237 35 | 36,237 35 | 8/19/14 | 100 | 9/15/15 | 0.79 | 16 | 26 | 7,442 |
| | | | | | | | | | 0.15 | 16 | 26 | 1,353 |
| *5364 | West.... |  | ..... | 18,858 00 | 18,858 00 | 9/20/12 | 100 | 11/23/15 | 1.68 | 16 | 27-28 | 15,814 |
| 5364A | West.... | 1.68 | ..... | 25,246 71 | 25,246 71 | 10/20/14 | 100 | 2/29/16 | 0.32 | 16 | 26 | 3,037 |
| | | | | | | | | | 1.36 | 16 | 26 | 12,870 |
| | | | | | | | | | 0.86 | 16 | 35 | 8,044 |
| 5365 | Onon... | 6.87 | ..... | 105,894 90 | 105,894 90 | 9/17/12 | 100 | 11/12/13 | 2.83 | 16 | 30 | 26,582 |
| | | | | | | | | | 3.18 | 16 | 30 | 29,867 |
| 5366 | Greene... | 1.26 | ..... | 15,146 15 | 15,146 15 | 9/17/12 | 100 | 11/26/13 | 1.26 | 16 | 26-32 | 11,810 |

* See Appendix B, list by counties. † Changed from original plans. ‡ City of Binghamton paved additional widths.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|---------------|-----------|-------------------|-----------------------------|-----------------------------|------------------|-------|-------|-------------|
| BOTTOM | | TOP | | | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | Binder |  |  |  |  |  |  | Surfacing |
| Grv. Con. (h) (8) | 5 | Br. (20) | 4 | | | 1.975 | 21,810 | | | 5339 |
| Sub. | 5 | Fld. Qst. | 3 | T. (17) | | 0.922 | 18,840 | | | 5340 |
| Grv. Con. (d) (16) | 5 | | | Li. T. (16, 17) | | 0.676 | 9,889 | | Oiled | 5841 |
| Grv. Con. (d) (13) | 5 | Br. (14) | 4 | | | 1.956 | 36,850 | | | 5342 |
| Sub. | 6 | App. St. | 3 | Asp. (1) Ber. (1) | | 0.775 | 11,455 | | Oiled | 5343 |
| Sub. | 9 | App. St. | 3 | Asp. (1) | | 1.223 | 20,465 | | | 5344 |
| 8 Con. (11) | 5 | Br. (31) | 4 | | | 2.494 | 32,393 | | | |
| Sub. 6, App. St. 3 | 9 | App. St. | 3 | Sc. water | | 0.915 | 12,260 | | Oiled | 5345 |
| Sub. | 6 | App. St. | 3 | Sc. water | HO. (10) | 0.681 | 10,180 | | Oiled | 5346 |
| Sub. | 6 | Li. | 3 | Sc. water | HO. (10) | 0.620 | 9,320 | | Oiled | 5347 |
| 8 Con. (17) | 5 | Br. (10) | 4 | | | 1.977 | 22,920 | | | 5348 |
| Sub. 6, 8 Con. (17) | 5 | T. (17) | 4 | | | 1.319 | 16,740 | 1915 | 4.28 |  | Bit. Mac. |
| Sub. | 6 | | | | | 0.417 | 8,270 | 1916 | 0.30 | Amionite. |
| | | Si. | 8 | Asp. (11) | | 0.723 | 10,515 | | | 5348B |
| Sub. | 6 | App. St. | 24 | Li.; Sc. water | | 0.635 | | | Oiled | 5348A |
| 8 Con. (17) | 5 | App. St. | 24 | Li.; Sc. water | | 0.958 | 15,490 | | | 5348 |
| Sub. 6, 8 Con. (17) | 5 | Br. | 4 | | | 1.977 | 24,100 | | | |
| Sub. | 6 | Si. | 8 | Asp. (11) | T. (17) Grv | 1.319 | 17,920 | | | 5348 |
| Sub. | 6 | App. St. | 24 | Li.; Sc. water | | 1.140 | 16,240 | | | 5348B |
| Sub. | 6 | App. St. | 24 | Li.; Sc. water | | 1.052 | 15,415 | | | 5348B |
| Sub. | 6 | App. St. | 24 | Li.; Sc. water | | 0.958 | 14,530 | | | 5349 |
| Grv. Con. (d) (16) | 5 | Br. (10) | 4 | | | 1.932 | 24,420 | | | |
| Sub. | 6 | App. St. | 3 | Asp. (10) | | 1.144 | 17,020 | | | 5349A |
| Sub. | 6 | | | | | 0.380 | 10,790 | | | 5349 |
| Sub. | 6 | App. St. | 8 | Asp. (10) | | 0.531 | 8,610 | | | |
| 8 Con. (16) | 5 | App. St. | 3 | Asp. (10) | | 0.814 | 11,270 | | | 5349A |
| Sub. | 6 | Br. | 4 | | | 1.932 | 23,390 | | | 5349 |
| Sub. | 6 | App. St. | 3 | Asp. (10) | | 1.144 | 15,990 | | | |
| Sub. | 6 | App. St. | 8 | Asp. (10) | | 0.911 | 13,890 | | | 5349A |
| Sub. | 6 | App. St. | 8 | Asp. (10) | | 0.814 | 12,890 | | | 5350 |
| Grv. Con. (d) (8) | 5 | Br. (10) | 4 | | | 1.870 | 25,341 | | | |
| Grv. Con. (d) (8) | 5 | Grv. | 14 | T. (17) | | 0.920 | 16,310 | | | 5351 |
| Sub. | 6 | Grv. | 8 | Sc. water | | 0.556 | 8,100 | 1917 | 1.50 |  | 24" Bit. Mac. |
| Sub. | 6 | Set. | 3 | Asp. (10) | | 1.084 | 25,065 | | | 5351 |
| Sub. | 6 | | | | | 0.358 | 18,250 | | | 5352A |
| Sub. | 6 | Si. Li. | 2 | Sc. water | Gl. | 0.429 | 8,150 | | | |
| Grv. | 6 | Si. Li. | 2 | Sc. water | Gl. | 0.697 | 10,660 | | | 5352B |
| Sub. | 6 | Set. | 8 | Asp. (10) | | 0.332 | 3,789 | | Oiled | |
| Grv. | 6 | | | | | 1.084 | 21,625 | | | 5352 |
| Sub. | 6 | Si. Li. | 2 | Sc. water | Gl. | 0.332 | 14,570 | | | 5352A |
| Sub. | 6 | Si. Li. | 2 | Sc. water | Gl. | 0.787 | 18,840 | | | 5352B |
| 8 Con. (7) | 5 | Br. (7) | 4 | | | 0.697 | 17,990 | | | 5353 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | HO. (1) | 1.700 | 25,010 | 1915 | 0.10 |  | Bit. Mac. |
| Sub. | 6 | App. St. | 3 | Asp. (10) | | 1.049 | 18,900 | | | Oiled |
| Li. | 3 | Qrs. | 3 | Asp. (10) | | 0.932 | 21,003 | | | 5354 |
| Sub. | 6 | Li. | 3 | Asp. (10) | | 0.873 | 20,447 | | | 5355 |
| 8 Con. (d) (1, 2) | 5 | Br. (29, 31) | 4 | | | 2.090 | 25,010 | | | |
| Old Mac. | | Asp. Blk. | 2 | | | 1.550 | 20,450 | | | 5356 |
| 8 Con. (3, 10, 22) | 5 | Br. (2, 25) | 4 | | | 2.241 | 26,940 | | | 5357 |
| 8 Con. (3, 10, 15) | 4 | Asp. Blk. | 2 | | | 2.100 | 26,593 | | | |
| | | H Con. | 6 | (3, 22) | | 1.230 | 14,005 | | | 5358 |
| Sub. | 6 | App. St. | 3 | Asp. (1) | | 0.709 | 11,705 | | Oiled | 5359 |
| Grv. Con. (d) (11) | 4 | Asp. Blk. | 4 | | | | | | | 5361 |
| Grv. Con. (d) (11) | 4 | Br. (17) | 4 | | | | | | | 5862 |
| 8 Con. (d) (1) | 5 | Asp. Blk. | 2 | | | 2.035 | 25,570 | | | |
| 8 Con. (d) (9) | 5 | Br. (29) | 4 | | | 2.073 | 38,000 | | | 5363 |
| 8 Con. (d) (8) | 5 | Br. (29) | 4 | | | 2.424 | 41,295 | | | |
| Grv. | 3 | Grv. | 2 | Water | HO. (10) Gl. | 0.692 | 11,220 | | | 5364 |
| 8 Con. (d) (2) | 5 | Asp. Blk. | 2 | | | 1.940 | 23,166 | | | 5364A |
| | | F Con. (2) | 5 | | | 0.848 | 12,915 | | | 5365 |
| Sub. | 6 | H Con. (8, 5) | 4 | T. (17), Se. | | 1.015 | 14,430 | | | |
| Sub. | 6 | App. St. | 3 | Br. (1) | | 0.975 | 14,050 | 1916 | 0.60 | 34" Brick |
| Sub. | 13 | App. St. | 3 | Br. (1) | | 1.182 | 15,095 | | | 5366 |
| Sub. | 3 | Set. | 8 | Asp. (10) | | 0.863 | 11,870 | | | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5367 | Greene. | 5.92 | | \$74,922 33 | \$74,922 33 | 9/17/12 | 100 | 12/18/13 | 3.58 | 16 | 26 | 33,576 |
| †5368 | Greene. | 3.92 | | 45,757 67 | 45,757 67 | 9/18/12 | 100 | 9/23/13 | 2.34 | 16 | 26 | 22,028 |
| 5369 | Greene. | 2.21 | | | | 3/11/14 | 100 | 10/11/14 | 3.92 | 16 | 26 | 36,761 |
| 5370 | Greene. | 2.70 | | 30,990 81 | 30,990 81 | 9/17/12 | 100 | 12/28/13 | 2.21 | 16 | 26 | 20,765 |
| 5371 | West. | 0.95 | | 35,907 57 | 18,342 6 | 3/12/14 | 100 | 3/18/15 | 2.70 | 16 | 26 | 25,350 |
| 5372 | West. | 0.73 | | 36,270 28 | 11,804 52 | 9/23/12 | 100 | 10/15/13 | 0.95 | 24-34 | 24-34 | 18,453 |
| 5373 | West. | 2.85 | | 77,377 57 | 44,763 74 | 9/23/12 | 100 | 10/ 2/13 | 0.73 | 27-31 | 36-40 | 12,827 |
| 5374 | West. | 0.20 | | 5,750 31 | 2,963 35 | 9/23/12 | 100 | 10/15/13 | 2.85 | 20 | 32 | 3,540 |
| †5375 | West. | 1.34 | | 29,744 95 | 17,669 97 | 9/20/12 | 100 | 10/15/13 | 0.20 | 20 | 30 | 2,300 |
| 5376 | West. | 1.29 | | 72,554 01 | 14,556 86 | 9/17/12 | 100 | 10/30/13 | 1.34 | 30-39 | 30-39 | 15,747 |
| 5377 | Broome. | 1.67 | | 38,187 96 | 38,187 96 | 9/17/12 | 100 | 11/26/13 | 1.29 | 31-35 | 35-40 | 24,839 |
| | | | | | | | | | 10.18 | 16 | 28 | 1,625 |
| | | | | | | | | | 1.49 | 16 | 26 | 13,980 |
| 5378 | Wayne. | 4.53 | | 49,867 79 | 49,867 79 | 9/17/12 | 100 | 12/ 3/13 | 4.53 | 16 | 30 | 42,565 |
| 5379 | Tomp. | 3.22 | | 49,763 17 | 49,763 17 | 9/17/12 | 100 | 5/26/14 | 3.22 | 14 | 26 | 26,444 |
| †5380 | Madison. | 2.45 | | 39,020 41 | 39,020 41 | 9/23/12 | 100 | 11/12/13 | 2.45 | 16 | 30 | 23,022 |
| 5381 | Niagara. | 0.09 | | 3,923 23 | 3,923 23 | 9/17/12 | 100 | 11/13/13 | 0.09 | 16-24 | 16-40 | 1,106 |
| | | | | | | | | | 0.09 | 16 | 26 | 916 |
| 5382 | Oswego. | 10.85 | | 166,298 32 | 141,158 09 | 9/19/12 | 100 | 12/29/13 | 9.63 | 14-16 | 26-30 | 79,363 |
| | | | | | | | | | 0.23 | 16 | 26 | 2,154 |
| | | | | | | | | | 0.90 | 21-40 | 21-40 | 15,638 |
| *5383 | Dela. | | | 8,734 82 | 8,734 82 | 9/17/12 | 100 | | | | | |
| 5383A | Dela. | | | 134,619 40 | 134,619 40 | 5/25/14 | 100 | 3/20/17 | 7.23 | 14 | 24 | 59,375 |
| 5383 | Dela. | 7.23 | | 143,354 22 | 143,354 22 | | | | 7.23 | 14 | 26 | 59,375 |
| 5383A | Dela. | | | | | | | | | | | |
| 538 | Dela. | 6.13 | | 78,592 89 | 78,592 89 | 9/17/12 | 100 | 12/ 4/13 | 6.13 | 14-16 | 24-26 | 51,618 |
| 5385 | Oneida. | 1.06 | | 37,869 12 | 24,837 16 | 2/18/14 | 100 | 10/ 4/14 | 0.26 | 16 | 28 | 2,466 |
| | | | | | | | | | 0.80 | 24, 16 | 24, 30 | 11,219 |
| | | | | | | | | | 0.45 | 16 | 26-30 | 4,292 |
| 5386 | Ontario. | 0.91 | | 24,499 59 | 24,499 59 | 9/ 2/13 | 100 | 9/24/14 | 0.44 | 16 | 32 | 3,952 |
| | | | | | | | | | 0.02 | 16 | 32-38 | 698 |
| 5387 | Putnam. | 2.38 | | 31,883 87 | 31,883 87 | 7/31/13 | 100 | 8/22/14 | 2.38 | 16 | 28 | 27,248 |
| | | | | | | | | | 0.61 | 16 | 20-24 | 5,691 |
| 5388 | Rock. | 2.15 | | | | 2/20/14 | 100 | 1/10/16 | 1.54 | 16 | 28 | 14,490 |
| 5389 | Rock. | 1.56 | | 36,812 05 | 36,812 05 | 9/ 2/14 | 100 | 9/11/16 | 1.56 | 16 | 26, 30 | 15,060 |
| 5390 | Broome | 0.83 | | 15,382 76 | 15,382 76 | 2/10/14 | 100 | 8/12/14 | 0.83 | 16 | 16 | 7,804 |
| 5391 | Chem. | 0.40 | | 13,946 92 | 11,464 01 | 8/21/13 | 100 | 3/ 3/14 | 0.40 | 16-30 | 30-42 | 5,044 |
| 5392 | Chem. | 0.76 | | 35,957 93 | 17,772 82 | 10/ 2/13 | 100 | 1/ 9/15 | 0.76 | 16-38 | 30-38 | 13,923 |
| 5393 | Renss. | 0.52 | | 41,023 48 | 13,599 62 | 9/ 8/13 | 100 | 1/19/15 | 0.52 | 36 | 36 | 11,410 |
| | | | | | | | | | 0.82 | 16 | 30 | 7,722 |
| 5394 | Fulton. | 1.54 | | 57,327 65 | 20,735 78 | 9/30/13 | 100 | 1/25/15 | | | | |
| | | | | | | | | | 0.72 | 30 | 30 | 11,977 |
| | | | | | | | | | | | | 1,118 |
| 5395 | Oneida. | 0.38 | | 11,756 45 | 11,756 45 | 8/25/13 | 100 | 12/30/13 | 0.38 | 16 | 32 | 3,695 |
| 5396 | Onon. | 0.69 | | 25,797 37 | 18,297 45 | 5/15/14 | 100 | 11/30/14 | 0.69 | 24 | 33 | 9,650 |
| 5397 | Ontario. | 1.74 | | 40,067 93 | 29,065 90 | 8/22/13 | 100 | 10/ 4/14 | 1.09 | 16 | 30 | 10,223 |
| | | | | | | | | | 0.65 | 16-50 | 40-50 | 10,095 |
| 5398 | Living. | 4.40 | | 94,868 12 | 51,967 99 | 8/27/14 | 100 | 1/ 9/15 | 3.30 | 16 | 32 | 30,992 |
| | | | | | | | | | 1.10 | 30-50 | 30-60 | 24,641 |
| 5399 | Genesee. | 1.97 | | 121,975 28 | 42,525 93 | 9/30/13 | 100 | 12/20/14 | 1.97 | 30-45 | 30-45 | 53,861 |
| 5400 | Wyom. | 8.89 | | 177,782 33 | 153,176 22 | 9/29/13 | 100 | 4/24/15 | 3.08 | 16-68 | 32-68 | 39,193 |
| | | | | | | | | | 5.81 | 16 | 32 | 54,470 |
| 5400A | Wyom. | 0.48 | | 7,369 42 | 7,369 42 | 9/ 2/14 | 100 | 1/21/15 | 0.48 | 16 | 32 | 4,523 |
| 5401 | Steuben. | 0.85 | | 44,017 11 | 19,291 43 | 8/26/13 | 100 | 9/28/14 | 0.85 | 16-36 | 26-36 | 16,188 |
| *5402 | Jeffers. | | | | | | | | | | | |
| 5403 | Jeffers. | 1.17 | | 29,040 02 | 17,803 59 | 9/ 2/13 | 100 | 10/18/14 | 1.17 | 16-43 | 28-43 | 17,440 |
| 5404 | Wash. | 1.75 | | 77,684 89 | 48,537 44 | 1/ 5/13 | 100 | 10/29/14 | 1.75 | 20-36 | 20-71 | 26,780 |
| *5405 | Cattaraugus | | | | | | | | | | | |
| 5406 | Oneida. | 3.94 | | 40,123 90 | 40,123 90 | 2/18/14 | 100 | 11/18/14 | 3.94 | 16 | 26 | 36,963 |
| *†497 | Erie. | 5.87 | | 151,317 5 | 151,317 5 | 2/19/14 | 100 | 9/ 1/15 | 5.87 | 16 | 32 | 55,496 |
| 5408 | Oswego. | 0.36 | | 22,254 02 | 9,197 06 | 7/18/16 | 100 | 7/27/17 | 0.36 | Av. 17 | 34 | 3,591 |
| | | | | | | | | | | Av. 17 | 34 | 3,590 |
| 5409 | Greene. | 0.23 | | 15,327 79 | 5,797 20 | 10/ 1/13 | 100 | 9/15/14 | 0.23 | 37-73 | 37-73 | 6,248 |
| 5410 | Wyom. | 3.88 | | 43,433 07 | 43,433 07 | 4/16/15 | 100 | 1/19/16 | 2.88 | 16 | 28-32 | 36,420 |
| †5411 | Herk. | 0.09 | | 5,806 12 | 5,806 12 | 10/20/14 | 100 | 1/ 8/16 | 0.09 | 32 | 32 | |

*See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|--------------|-----------|------------------|-----------------------------|-----------------------------|------------------|-------|-------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-24' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. | 6 | Set. | 3 | Asp. (10) | 0.807 | 12,690 | 1917 | 2.69 | F Con.. | 5367 |
| Tr. | 4 | Tr. | 3 | Asp. (10) | 0.798 | 12,690 | | | | |
| Li. | 3 | Li. | 3 | Li.Sc., HO.(10). | 0.878 | 11,730 | 1917 | 3.92 | F Con.. | 5368 |
| Li. | 4 | Li. | 3 | Asp. (7) | | | | | | |
| Sub. | 6 | Li. | 3 | Sc., water | 0.598 | 11,480 | | | | 5369 |
| S Con.(d)(7,10) | 6 | Dol. | 2 | Asp. (1), MM-2 | 1.395 | 20,545 | | | | 5370 |
| S Con.(d)(3,19) | 5 | Bitu. | 2 | | 2.335 | 28,480 | | | | 5371 |
| S Con. (d) | 4 | Asp. Blk. | 2 | (3, 15, 24) | 2.100 | 21,540 | | | | 5372 |
| S Con. (d)(19) | 5 | Bitu. | 2 | | 2.230 | 23,510 | | | | 5373 |
| Old Mac. | 5 | Asp. Blk. | 2 | | 1.688 | 18,110 | | | | 5374 |
| S Con. (d) (10) | 5 | Br. (25) | 4 | | 2.265 | 32,990 | | | | 5375 |
| Sub. | 6 | Li. | 3 | Asp. (10) | 0.865 | 13,580 | | | | 5376 |
| Grv.Con.(h)(8) | 5 | Br. (20) | 4 | | 1.977 | 24,018 | | | | 5377 |
| App. St. | 4 | App. St. | 2 | Asp. (4) | 0.909 | 10,685 | | | | 5378 |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.754 | 16,430 | | | Oiled | 5379 |
| Grv. | 5 | H Con.(16) | 4 1/2 | Tarvia | 1.290 | 15,700 | | | Oiled | 5380 |
| Grv.Con.(h) | 5 | Br. | 4 | | 2.527 | 44,730 | | | | 5381 |
| S Con. (d) (5) | 5 | Med. Blk. | 4 1/2 | | 2.924 | 32,510 | | | | |
| | | H Con.(5) | 4 1/2 | Sc., T. (17) | 0.848 | 13,020 | | | | 5382 |
| Old Mac. | | App. St. | 2 | Asp. (10) | 0.609 | | | | | |
| S Con. (d) (5) | 5 | Br. (1) | 4 | | 1.974 | 23,600 | | | | |
| | | | | | | | | | | *5383 |
| Fid. | 8 | App. St. | 3 | T (17) | 0.850 | 20,040 | | | | 5383A |
| Fid. | 8 | Lo. St. | 3 | T (17) | 0.855 | 21,475 | | | | 5383 |
| | | | | | | | | | | 5383 |
| Sub. | 6 | Set. | 3 | Asp. (1) | 0.757 | 13,850 | | | Oiled | 5384 |
| App. St. | 3 | App. St. | 3 | Asp. (7) | 0.927 | 14,950 | | | | 5385 |
| S Con. (d) (14) | 5 | Bitu. | 2 | | 2.225 | 27,140 | | | | |
| Li. | 4 | Li. | 2 | HO(3) | 0.772 | 17,028 | | | | |
| Grv. S Con.(d) | 5 | Br. (14) | 4 | (13) | 2.400 | 32,448 | | | | 5386 |
| Grv. S Con.(d) | 5 | Med. Blk. | 4 | (13) | 3.330 | 40,890 | | | | |
| Sub. | 6 | App. St. | 3 | Asp. (1) | 0.764 | 13,150 | | | | 5387 |
| Old Mac., Mtr. | 1 | Asp. Blk. | 2 | | 1.456 | | | | | |
| S Con.(d)(2,11) | 5 1/2 | Asp. Blk. | 2 | | 1.928 | | | | | 5388 |
| 5' Mtr. 1" | 10 | Tr. | 3 | Asp. (10) | 1.106 | 23,930 | | | | 5389 |
| Sub. 8" Tr. 2" | 10 | Br. (14, 22) | 4 | | 1.700 | 18,720 | | | | 5390 |
| Old Mac. | 5 | Br. (14, 22) | 4 | | 2.050 | 27,590 | | | | 5391 |
| Grv.Con.(d)(6) | 5 | Br. (10) | 4 | (10, 13) | 1.930 | 28,740 | | | | 5392 |
| Grv. Con.(d) | 5 | Br. (1) | 4 | | 2.420 | 49,130 | | | | 5393 |
| Grv.Con(d)(10) | 5 | S Con. (d) | 7 | | 0.833 | 15,845 | | | | |
| S Con. (d) (10) | 6 | Bitu. | 2 | | 2.294 | 27,455 | | | | 5394 |
| S Con. (d) (10) | 5 | Wd. Blk. | 3 | | 3.294 | | | | | |
| S Con. (d) (9, 11, 22) | 5 | Grv. | 2 | MM. Asp. (7) | 2.010 | 27,870 | | | | 5395 |
| Grv.Con.(d)(5) | 5 | Br. (1, 18) | 4 | | 2.158 | 26,020 | | | | 5396 |
| Sub. | 7 | App. St. | 3 | Asp. (10) | 0.963 | 13,325 | | | Oiled | 5397 |
| S Con. (d) (17) | 5 | Br. (10) | 4 | | 2.080 | 23,778 | | | | |
| Grv. | 4 | App. St. | 3 | Sc., water | 0.435 | 11,454 | | | Oiled | 5398 |
| S Grv.Con.(d) | 5 | Br. (27) | 4 | (1) | 2.080 | 26,738 | | | | |
| S Grv.Con.(d) | 5 | Br. (15) | 4 | (1) | 1.820 | 27,831 | | | | 5399 |
| Sc.Gr.Con.(d) | 5 | Br. (32) | 4 | (17) | 2.240 | 26,200 | | | | 5400 |
| App. St. | 4 | App. St. | 3 | Asp (7) | 0.853 | 13,130 | | | Oiled | |
| Li. | 4 | Li. | 3 | Asp. (7) | 0.903 | 25,290 | | | | 5400A |
| Grv.Con.(d)(17) | 5 | Br. (10) | 4 | | 2.070 | 30,850 | | | | 5401 |
| | | | | | | | | | | *5402 |
| Sub. | 6 | App. St. | 3 | Asp. (10) | 1.005 | 15,720 | | | Oiled | 5403 |
| S Grv.Con.(d) | 5 | Br. (26) | 4 | (9) | 2.310 | 30,070 | | | | 5404 |
| | | | | | | | | | | *5405 |
| Sub. | 6 | Li. | 3 | Sc., water | 0.582 | 10,190 | | | Oiled | 5406 |
| S Con.(d)(16, 6) | 5 | Br. (3) | 4 | | 2.057 | 24,840 | | | | 5407 |
| S Con. (10) | 4 | Br. (3) | 4 | | 2.150 | 38,120 | | | | 5408 |
| S Con. (10) | 6 | F Con. (10) | 4 | | 1.933 | 35,035 | | | | |
| S Con. (d) (1) | 5 | Br. (30) | 4 | | 1.900 | 29,350 | | | | 5409 |
| Li. | 5 | Li. | 3 | Sc., water | 0.723 | 11,050 | | | | 5410 |
| | | Grading | | CaCl | | | | | | 5411 |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-----------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5412 | Broome | 0.28 | ..... | \$12,339 53 | \$7,631 87 | 5/27/15 | 100 | 1/19/16 | 0.28 | 16,351 | 30,38 | 4,243 |
| 5413 | Broome | 0.82 | ..... | 20,186 36 | 20,186 36 | 2/11/14 | 100 | 9/21/14 | 0.82 | 16 | 28 | 7,672 |
| 5414 | Chen... | 9.64 | ..... | 158,630 90 | 134,112 01 | 2/10/14 | 100 | 12/ 4/14 | 8.92 | 16-32 | 26-34 | 85,564 |
| 5415 | Oswego | 5.79 | ..... | 89,013 36 | 89,013 36 | 2/ 6/14 | 100 | 7/12/16 | 5.79 | 16 | 30 | 54,494 |
| 5416 | Niagara | 7.80 | ..... | 101,762 07 | 101,762 07 | 2/10/14 | 100 | 10/ 5/15 | 7.80 | 16 | 32-44 | 73,217 |
| 5417 | Niagara | 5.46 | ..... | 104,599 17 | 104,599 17 | 2/10/14 | 100 | 1/27/16 | 0.09 | 16-42 | 20-42 | 1,407 |
| 5418 | Cattaraugus | 4.41 | ..... | 68,684 76 | 68,684 76 | 3/14/14 | 100 | 12/10/15 | 4.41 | 16 | 28-32 | 41,544 |
| 5419 | Allegany | 1.51 | ..... | 45,480 96 | 37,703 88 | 2/10/14 | 100 | 1/ 8/15 | 1.51 | 16,36 | 32,36 | 17,132 |
| 5420 | Tioga | 1.63 | ..... | 44,581 95 | 39,503 47 | 2/10/14 | 100 | 11/18/14 | 1.63 | 16-30 | 30-44 | 18,763 |
| 5421 | Orleans | 2.40 | ..... | 66,055 53 | 56,485 23 | 2/13/14 | 100 | 3/ 4/15 | 0.82 | 16 | 32 | 7,680 |
| 5422 | Orleans | 3.43 | ..... | 58,228 04 | 58,228 04 | 2/13/14 | 100 | 10/19/14 | 1.01 | 16 | 32 | 9,492 |
| 5423 | Orleans | 6.02 | ..... | 83,779 96 | 83,779 96 | 2/10/14 | 100 | 11/28/14 | 6.02 | 16 | 32-44 | 56,267 |
| 5424 | Cortland | 5.96 | ..... | 62,703 40 | 62,703 40 | 2/17/14 | 100 | 12/ 3/15 | 5.96 | 112 | 24 | 42,133 |
| 5425 | Monroe | 3.25 | ..... | 48,438 35 | 48,438 35 | 1/30/14 | 100 | 12/ 2/14 | 3.25 | 16 | 32 | 31,800 |
| 5426 | Jeffers | 1.81 | ..... | 28,346 21 | 28,346 21 | 2/19/14 | 100 | 11/10/14 | 1.68 | 16 | 32 | 15,750 |
| 5427 | Jeffers | 5.76 | ..... | 68,035 74 | 68,035 74 | 2/18/14 | 100 | 10/ 6/14 | 0.13 | 16 | 32 | 1,227 |
| 5428 | Rock | 1.00 | ..... | 18,884 86 | 18,884 86 | 8/25/15 | 100 | 3/ 8/16 | 0.76 | 16 | 28 | 7,088 |
| 5429 | Tioga | 0.67 | ..... | 14,195 53 | 14,195 53 | 3/ 4/14 | 100 | 12/14/14 | 0.67 | 16 | 26 | 6,256 |
| 5430 | Cattaraugus | 3.88 | ..... | 65,709 52 | 65,709 52 | 2/18/14 | 100 | 11/ 4/14 | 3.88 | 16 | 26-32 | 36,492 |
| 5431 | Niagara | 5.92 | ..... | 73,331 50 | 73,331 50 | 2/ 9/14 | 100 | 11/30/14 | 5.92 | 16 | 44 | 55,600 |
| 5432 | Chem | ..... | ..... | 44,055 16 | 44,055 16 | 5/15/14 | 100 | ..... | ..... | 16 | 26-30 | 15,070 |
| 5432 | Schuyler | ..... | 8.98 | 120,400 00 | 120,400 00 | 6/ 9/15 | 88 | ..... | ..... | 16 | 26 | 14,220 |
| 5432A | Chem | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16 | 26-30 | 15,070 |
| 5432A | Schuyler | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16 | 26 | 69,195 |
| 5432 | Chem & Schuyler | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5433 | Erie | 0.88 | ..... | 45,702 71 | 19,083 32 | 3/ 4/14 | 100 | 11/ 9/14 | 0.88 | 30-46 | 30-46 | 17,419 |
| 5434 | Chautau | 4.43 | ..... | 103,017 06 | 103,017 06 | 5/20/14 | 100 | 2/ 1/16 | 2.42 | 16 | 32 | 22,718 |
| 5434A | Chautau | 0.05 | ..... | 7,313 22 | 7,313 22 | 11/ 2/16 | 100 | 1/ 2/18 | 2.01 | 16 | 30-32 | 19,066 |
| 5435 | Monroe | 0.92 | ..... | 27,080 35 | 22,220 61 | 7/29/14 | 100 | 1/ 8/15 | 0.05 | 16-20 | 28 | 584 |
| 5436 | Cortland | 4.71 | ..... | 66,477 43 | 58,451 82 | 3/ 4/14 | 100 | 1/ 8/15 | 0.92 | 16-20 | 30 | 10,845 |
| 5437 | Ontario | 3.72 | ..... | 40,598 57 | 40,598 57 | 3/11/14 | 100 | 11/13/14 | 4.60 | 14-45 | 22-46 | 40,051 |
| 5438 | Putnam | 1.64 | ..... | 22,075 77 | 22,075 77 | 3/ 6/14 | 100 | 9/18/14 | 0.11 | 38-49 | 40-51 | 2,384 |
| 5439 | St. Law. | 3.64 | ..... | 39,521 63 | 39,521 63 | 3/ 4/14 | 100 | 12/14/14 | 3.72 | 16 | 32 | 34,895 |
| 5440 | Broome | 0.41 | ..... | 20,886 11 | 6,437 26 | 5/24/15 | 100 | 1/18/16 | 1.64 | 16 | 26 | 15,555 |
| 5441 | Herk | 1.26 | ..... | 19,590 58 | 19,590 58 | 3/ 5/14 | 100 | 1/28/15 | 2.46 | 14-16 | 28 | 20,496 |
| 5442 | Oneida | 3.47 | ..... | 35,018 60 | 35,018 60 | 3/ 6/14 | 100 | 11/ 9/14 | 1.18 | 14 | 28 | 9,684 |
| 5443 | Dela | 14.42 | ..... | 152,257 17 | 152,257 17 | 3/11/14 | 100 | 10/28/15 | 0.41 | 130-32 | 130-32 | 7,933 |
| 5444 | Scho | 5.58 | ..... | 60,763 89 | 60,763 89 | 3/12/14 | 100 | 10/19/15 | 1.26 | 16 | 32 | 11,782 |
| 5445 | Oswego | 7.78 | ..... | 99,700 36 | 99,700 36 | 10/21/14 | 100 | 11/14/16 | 3.47 | 16 | 28 | 32,580 |
| 5446 | Seneca | 6.50 | ..... | 93,955 94 | 88,279 61 | 3/18/14 | 100 | 12/31/14 | 9.44 | 14 | 26 | 80,243 |
| 5447 | Madison | 3.35 | ..... | 41,649 04 | 41,649 04 | 5/ 6/14 | 100 | 12/ 8/14 | 4.98 | 14 | 26 | 38,208 |
| 5448 | Orleans | 1.84 | ..... | 71,204 02 | 41,638 31 | 5/ 3/14 | 100 | 2/19/15 | 5.58 | 16 | 26 | 52,632 |
| 5449 | Wayne | 2.29 | ..... | 26,224 46 | 26,224 46 | 7/ 7/14 | 100 | 8/10/15 | 7.78 | 14,16 | 24,26 | 64,307 |
| 5450 | Dela | 6.09 | ..... | 70,866 96 | 70,866 96 | 5/ 2/14 | 100 | 11/21/14 | 0.70 | 24,36 | 36 | 11,364 |
| 5451 | Wayne | 5.94 | ..... | 65,819 75 | 65,819 75 | 7/ 9/14 | 100 | 9/ 8/15 | 5.80 | 24-14 | 36-30 | 47,650 |
| *5452 | Chataune | 3.52 | ..... | 78,822 08 | 64,681 33 | 6/10/15 | 100 | 12/ 8/15 | 2.88 | 16-24 | 30 | 28,020 |
| 5453 | Erie | 4.52 | ..... | 60,600 69 | 60,600 69 | 5/ 2/14 | 100 | 2/25/15 | 0.47 | 16 | 30 | 4,444 |
| 5454 | Chen | 0.20 | ..... | 3,793 31 | 3,793 31 | 5/26/14 | 100 | 9/18/14 | 1.84 | 16-30 | 32-40 | 28,542 |
| | | | | | | | | | 2.29 | 14 | 30 | 18,782 |
| | | | | | | | | | 6.09 | 16 | 24 | 50,058 |
| | | | | | | | | | 5.94 | 14 | 28-38 | 48,762 |
| | | | | | | | | | 2.74 | 16-24 | 28-36 | 26,538 |
| | | | | | | | | | 0.78 | 16-40 | 28-40 | 12,543 |
| | | | | | | | | | 3.61 | 16 | 32 | 34,555 |
| | | | | | | | | | 0.91 | 16 | 32 | 8,831 |
| | | | | | | | | | 0.20 | 16 | 32 | 1,902 |

† Changed from original plans.

1898 to DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PROMPT PAYMENT | | Highway No. | |
|--------------------------------|-----------|-------------|-----------|------------|-----------------------------|-----------------------------|-----------------|-------|-------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 10'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Grv. Con. (d) (8) | 5 | Br. (3) | 4 | | 1.856 | 29,150 | | | | 5412 |
| Grv. Con. (d) (8) | 5 | Br. (14) | 4 | | 2.080 | 23,843 | | | | 5412 |
| Shoulders | | App. St. | 3 | Sc., water | 0.375 | | | | | |
| Sub. 8, Sub. 2 | 10 | Sub. | 3 | Sc., water | 0.916 | 13,020 | | | Oiled | 5414 |
| S Con. (d) (8) | 5 | Br. (14) | 4 | | 2.147 | 24,577 | | | | |
| | | F Con. (1) | 6 | | 0.858 | 14,890 | | | | 5415 |
| | | F Con. (10) | 5 | | 1.080 | 12,830 | | | | 5416 |
| | | F Con. (10) | 6 | | 1.025 | 16,610 | | | | |
| | | F Con. (10) | 6 | | 1.025 | 16,610 | | | | |
| S Con. (d) (10) | 5 | Br. (9) | 4 | | 2.061 | 26,340 | | | | 5417 |
| Li. | 3 | Li. | 3 | Sc., water | 0.584 | 12,470 | | | | |
| | | F Con. (11) | 6 | | 0.917 | 14,780 | | | | 5418 |
| Grv. Con. (d) (8) | 5 | Br. (1) | 4 | | 1.910 | 23,580 | | | | 5419 |
| Grv. Con. (d) (17) | 4 | Br. (10) | 4 | | 1.770 | 23,260 | | | | 5420 |
| | | F Con. (17) | 8 | | 1.320 | 18,440 | | | | 5421 |
| S Con. (d) (17) | 5 | Br. (20) | 4 | | 2.120 | 25,987 | | | | |
| S Con. (15) | 5 | Br. (20) | 4 | | 2.170 | 25,940 | | | | 5422 |
| | | F Con. (15) | 6 | | 0.966 | 13,310 | | | | 5423 |
| | | F Con. (10) | 6 | | 1.136 | 13,420 | | | | 5424 |
| Sub. | 5 | Sub. | 3 | Sc., water | 0.796 | 12,430 | | | Oiled | 5425 |
| | | F Con. (10) | 6 | | 1.100 | 15,370 | | | | 5426 |
| Li. | 3 | Li. | 3 | Sc., water | 0.670 | 11,430 | | | | |
| Sub. 7, Li. 2 | 9 | Grn. | 3 | Sc., water | 0.889 | 13,225 | | | Oiled | 5427 |
| Li. | 5 | Li. | 3 | Asp. (2) | 1.129 | 15,384 | | | | |
| S Con. (d) (11) | 5 | Br. (18) | 4 | | 3.049 | 33,404 | | | | 5428 |
| Sub. 8, Li. 2 | 10 | Li. | 3 | Asp. (2) | 1.158 | 15,657 | | | | |
| Grv. 8, Grv. 4 | 9 | Grv. | 3 | Sc., water | 0.929 | 24,720 | | | Oiled | 5429 |
| | | F Con. (2) | 6 | | 1.010 | 16,560 | | | | 5430 |
| | | F Con. (14) | 6 | | 0.996 | 20,030 | | | | 5431 |
| Grv. Con. (d) (15) | 5 | | | | 0.808 | | | | | 5432 |
| Sub. | 9 | | | | 0.488 | | | | | |
| | | | | | 0.435 | | | | | |
| Sub. | 6 | Li. | 3 | T. () | 0.991 | | | | | 5432A |
| | | | | Sc., water | | | | | | |
| | | | | | | | | | | 5432 |
| | | | | | | | | | | 5432 |
| S Con. (14) | 5 | Br. (22) | 4 | | 1.939 | 30,430 | | | | 5433 |
| | | F Con. () | 7-P | | 1.150 | 17,360 | | | | 5434 |
| S Con. (18) | 5 | Br. (15) | 4 | | 2.068 | 26,975 | | | | |
| S Con. (20) | 5 | Br. (15) | 4 | | 2.361 | 31,290 | | | | 5434A |
| Sub. 6, Li. 2 | 9 | Br. (14) | 4 | | 2.030 | 24,300 | | | | 5435 |
| S Con. (d) (5) | 5 | Br. (10) | 4 | Sc., water | 0.949 | 13,715 | | | Oiled | 5436 |
| Li. | 5 | Li. | 3 | Sc., water | 2.072 | 24,257 | | | | |
| | | F Con. (10) | 5-7 | | 0.793 | 10,910 | | | Oiled | 5437 |
| App. St. | 3 | App. St. | 3 | Asp. (7) | 1.260 | 13,400 | | | | 5438 |
| App. St. | 3 | App. St. | 3 | Asp. (7) | 0.903 | 10,730 | | | | 5439 |
| Grv. Con. (d) (8) | 5 | Br. (14) | 4 | | 1.069 | 12,330 | | | | |
| Sub. | 6 | Li. Grn. | 3 | Asp. (7) | 1.680 | 26,610 | | | | 5440 |
| Sub. | 6 | Li. | 3 | Sc., water | 1.099 | 15,220 | | | | 5441 |
| Flid. | 3 | Lo. St. | 3 | Asp. (10) | 0.654 | 9,950 | | | Oiled | 5442 |
| Flid. | 3 | Li. | 3 | Sc., water | 0.829 | 11,430 | | | Oiled | 5443 |
| Li. | 4 | Li. | 3 | Sc., water | 0.836 | 11,550 | | | | |
| S Con. (d) (8) | 5 | Li. | 1 | T. (17) | 0.721 | 10,830 | | | | 5444 |
| | | F Con. (1) | 6 | | 0.941 | 14,070 | | | | 5445 |
| Sub. | 3 | Li. | 3 | Asp. (30) | 1.100 | 14,260 | | | | 5446 |
| | | F Con. (17) | 6 | | 0.969 | 13,030 | | | | |
| Sub. | 6 | App. St. | 3 | Sc., water | 0.925 | 12,241 | | | | 5447 |
| S Con. (d) (17) | 5 | Br. (1) | 4 | | 0.670 | 9,950 | | | Oiled | |
| | | H Con. (8) | 6 | | 1.850 | 26,736 | | | | 5448 |
| Flid. | 3 | Lo. St. | 3 | T. (17) | 1.060 | 12,623 | | | | 5449 |
| | | H Con. (17) | 6 | | 0.831 | 12,830 | | | | 5450 |
| | | F Con. (16) | 6-7 | | 0.833 | 10,590 | | | | 5451 |
| Grv. Con. (9) (18) | 5-6 | Br. (9) | 4 | | 0.983 | 15,315 | | | | 5452 |
| | | F Con. (13) | 6 | | 2.117 | 25,955 | | | | |
| S Con. (13) | 5 | Br. (4, 9) | 4 | | 1.058 | 12,950 | | | | 5453 |
| Sub. | 5 | Li. | 3 | Asp. (11) | 2.047 | 22,225 | | | | |
| | | | | | 1.218 | 18,625 | | | | 5454 |

APPENDIX A — STATE HIGHWAYS JANUARY 1.

See page 186 for explanation

| Highway No. | County | MILES | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|--------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5455 | Dela.... | 5.39 | | \$87,923 81 | \$87,923 81 | 4/ 2/14 | 100 | 7/31/15 | 7.65 | 14 | 14 | 63,162 |
| 5455 | Otsego.... | 2.50 | | | | | | | 0.24 | 14 | 14 | 1,562 |
| 5456 | Dela.... | 6.89 | | 116,085 35 | 116,085 35 | 4/ 2/14 | 100 | 1/18/16 | 6.89 | 14-16 | 22-24 | 58,340 |
| 5457 | Sullivan.... | 6.48 | | 90,854 27 | 90,854 27 | 4/ 3/14 | 100 | 3/10/16 | 6.48 | 16 | 28 | 60,860 |
| 5457A | Sullivan.... | 0.72 | | 13,366 07 | 13,366 07 | 7/16/15 | 100 | 7/ 5/16 | 0.72 | 16 | 30 | 6,782 |
| 5458 | Scho.... | 8.91 | | 102,272 79 | 97,608 27 | 4/ 3/14 | 100 | 9/ 2/15 | 8.91 | 16-38 | 20-42 | 86,594 |
| 5459 | Dela.... | 5.66 | | 70,414 99 | 70,414 99 | 4/14/14 | 100 | 2/ 2/15 | 5.66 | 14 | 21-26 | 46,432 |
| 5460 | Dutchess.... | 10.87 | | 125,487 17 | 125,487 17 | 4/ 2/14 | 100 | 3/10/16 | 1.21 | 14 | 28 | 9,944 |
| | | | | | | | | | 9.66 | 14 | 28 | 79,569 |
| 5461 | Oneida.... | 3.43 | | 42,007 43 | 42,007 43 | 5/14/14 | 100 | 11/25/14 | 3.43 | 16 | 28 | 32,227 |
| 5462 | Greene.... | 2.44 | | 32,388 16 | 32,388 16 | 4/ 2/14 | 100 | 11/10/14 | 2.44 | 14 | 26 | 20,050 |
| 5463 | Genesee.... | 3.24 | | 30,748 18 | 30,748 18 | 6/ 3/14 | 100 | 12/18/14 | 3.24 | 16 | 32 | 30,404 |
| 5464 | West.... | 4.73 | | 77,375 50 | 77,375 50 | 4/ 2/14 | 100 | 3/ 3/17 | 4.73 | 16 | 28 | 44,405 |
| 5465 | Herk.... | 1.17 | | | | | | | | | | |
| 5465 | Oneida.... | 1.26 | | 42,654 05 | 42,654 05 | 5/15/14 | 100 | 12/ 8/14 | 2.20 | 16 | 28 | 20,636 |
| 5465 | Otsego.... | 1.53 | | | | | | | 1.76 | 16 | 28-34 | 16,556 |
| 5466 | Herk.... | 1.12 | | 96,337 17 | 96,337 17 | 4/ 2/14 | 100 | 9/ 1/15 | 2.41 | 16 | 28 | 23,272 |
| | | | | | | | | | 4.71 | 14 | 24 | 38,733 |
| 5467 | St. Law.... | 1.85 | | 95,773 43 | 51,259 94 | 5/ 3/14 | 100 | 12/18/14 | 1.85 | 24-40 | 24-40 | 32,137 |
| | | | | | | | | | 1.17 | 14 | 24-26 | 9,626 |
| | | | | | | | | | 0.79 | 16-24 | 32-48 | 9,343 |
| | | | | | | | | | | | | 3,255 |
| 5468 | Franklin.... | 4.66 | | 76,364 33 | 69,905 61 | 4/ 8/14 | 100 | 2/15/16 | 2.70 | 14 | 24-26 | 22,048 |
| *5469 | Orleans.... | 8.95 | | 125,184 67 | 125,184 67 | 5/22/14 | 100 | 7/27/17 | 8.95 | 16, 25 | 32 | 87,018 |
| 5470 | Onondaga.... | 6.68 | | 97,436 07 | 97,436 07 | 5/14/14 | 100 | 10/ 9/15 | 6.69 | 16, 34 | 32, 34 | 62,848 |
| 5471 | Tioga.... | 9.08 | | 79,921 42 | 79,921 42 | 5/15/14 | 100 | 7/22/15 | 9.08 | 14-16 | 26-28 | 75,906 |
| 5472 | Cortland.... | 2.11 | | | | 10/20/14 | 100 | 1/ 3/17 | 0.94 | 14 | 28 | 7,700 |
| | | | | | | | | | 1.17 | 14 | 28 | 9,592 |
| 5473 | Ontario.... | 1.30 | | 61,650 70 | 37,324 93 | 7/ 8/14 | 100 | 12/20/15 | 0.21 | 16 | 28 | 2,020 |
| | | | | | | | | | 1.09 | 16-28 | 30-32 | 16,220 |
| 5474 | Schuyler.... | | | 31,057 04 | 31,057 04 | 5/23/14 | 100 | | | 16 | 26 | 8,295 |
| 5474 | Tomp.... | | | | | | | | | | 26 | |
| | | | | | | | | | 0.83 | 16 | 26 | 8,284 |
| 5474A | Schuyler.... | | | 56,270 52 | 56,270 52 | 6/ 8/15 | 100 | 1/18/16 | | | | |
| 5474A | Tomp.... | | | | | | | | 6.69 | 16 | 26-33 | 62,814 |
| 5474 | Schuyler.... | 1.31 | | | | | | | 0.88 | 16 | 26 | 8,295 |
| 5474A | Tomp.... | 6.26 | | 87,327 56 | 87,327 56 | | | | | | | |
| | | | | | | | | | 6.69 | 16 | 26-33 | 62,814 |
| 5475 | Clinton.... | 0.30 | | 17,746 12 | 8,167 63 | 7/ 8/14 | 100 | 12/12/14 | 0.30 | 30 | 30 | 5,21 |
| 5476 | Allegany.... | 4.66 | | 89,868 75 | 68,724 50 | 6/11/14 | 100 | 12/ 3/15 | 1.41 | 16-47 | 26-47 | 22,969 |
| | | | | | | | | | 3.25 | 16 | 32 | 30,438 |
| 5477 | Onondaga.... | 0.70 | | 11,195 05 | 11,195 05 | 5/23/14 | 100 | 8/25/14 | 0.70 | 16-20 | 28-32 | 6,685 |
| 5478 | Renss.... | 6.34 | | 79,140 87 | 79,140 87 | 5/15/14 | 100 | 11/26/15 | 6.34 | 16 | 22-26 | 59,519 |
| 5479 | Renss.... | 6.18 | | 93,640 76 | 93,640 76 | 5/16/14 | 100 | 1/ 4/16 | 6.18 | 10 | 22-26 | 58,040 |
| 5480 | Orange.... | 1.48 | | 52,947 83 | 52,947 83 | 6/10/14 | 100 | 9/11/16 | 11.48 | 16 | 26 | 13,885 |
| 5481 | Allegany.... | 7.22 | | 95,102 02 | 95,102 02 | 6/10/14 | 100 | 11/13/15 | 7.22 | 16 | 28 | 67,900 |
| 5482 | West.... | 2.17 | | 107,478 12 | 61,714 27 | 7/ 8/14 | 100 | 5/13/15 | 1.02 | 20-40 | 30-40 | 17,734 |
| | | | | | | | | | 1.15 | 20-40 | 30-40 | 21,034 |
| 5483 | Allegany.... | 0.76 | | 29,639 37 | 17,569 58 | 8/19/14 | 100 | 12/28/14 | 0.76 | 24 | 24 | 10,838 |
| 5484 | Dutchess.... | 2.09 | | 38,029 95 | 38,029 95 | 6/10/14 | 100 | 2/23/16 | 1.33 | 14 | 28 | 10,877 |
| | | | | | | | | | 0.76 | 114-18 | 28-30 | 6,632 |
| 5485 | Clinton.... | 9.63 | | 100,999 65 | 100,999 65 | 6/11/14 | 100 | 9/30/15 | 9.63 | 14 | 26 | 79,550 |
| 5486 | Oswego.... | 1.14 | | 47,654 60 | 23,520 18 | 6/29/14 | 100 | 12/23/14 | 0.54 | 16 | 32 | 5,028 |
| | | | | | | | | | 0.60 | 40 | 40 | 12,067 |
| 5487 | Oswego.... | 1.47 | | 35,809 12 | 26,310 11 | 6/29/14 | 100 | 12/15/15 | 1.40 | 16, 25 | 28, 30 | 15,850 |
| | | | | | | | | | 0.07 | 25 | 28 | 1,196 |
| 5488 | Suffolk.... | 12.89 | | 160,131 39 | 160,131 39 | 6/30/14 | 100 | 1/12/16 | 12.89 | 6, 28 | 28, 34 | 121,654 |
| | | | | | | | | | | 4 | | 2,932 |
| 5489 | Dutchess.... | 0.79 | | 51,480 79 | 21,950 34 | 7/18/14 | 100 | 2/ 2/15 | 0.79 | 31-36 | 32-36 | 17,237 |
| 5490 | Sullivan.... | 1.56 | | 49,213 09 | 26,078 30 | 6/27/15 | 100 | 10/20/15 | 1.56 | 16, 57 | 32, 57 | 28,472 |
| | | | | | | | | | 0.04 | 14 | 26 | 311 |
| | | | | | | | | | 0.43 | 14 | 26 | 3,546 |
| 5491 | Greene.... | 5.18 | | 55,689 24 | 55,689 24 | 8/18/14 | 100 | 2/ 8/16 | 3.61 | 14 | 28 | 29,668 |
| | | | | | | | | | 0.30 | 14 | 26 | 3,153 |
| | | | | | | | | | 0.71 | 14 | 26 | 5,787 |
| 5492 | Madison.... | 5.79 | | 58,804 58 | 58,804 58 | 7/ 1/14 | 100 | 9/30/15 | 1.53 | 16 | 28 | 14,300 |
| | | | | | | | | | 4.26 | 16 | 26 | 40,067 |

*Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|----------------|-----------|----------------------|-----------------------------|-----------------------------|------------------|-------|-------------|-------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Fid. | 8 | Li. | 3 | Se. water | 0.749 | 13.065 | | | Oiled | 5455 |
| Fid. | 8 | Li. | 3 | Asp. (10) | 0.980 | 15.050 | | | | |
| Sub. | 8 | App. St. | 3 | Asp. (10) | 0.837 | 18.050 | | | | 5456 |
| Sub. | 8 | Set. | 3 | T. (17) | 1.000 | 13.865 | | | | 5457 |
| Sub. | 8 | Set. | 3 | Asp. (11) | 0.833 | 18.030 | | | | 5457A |
| Sub. | 8 | Li. | 3 | Se. water | 0.638 | 10.240 | | | | 5458 |
| Sub. | 8 | Set. | 3 | Asp. (2) | 0.836 | 13.470 | | | | 5459 |
| Sub. & Gr. 2 | 10 | Gr. | 3 | H.C. T. (17) | 0.920 | 13.680 | | | | 5460 |
| Gr. | 5 | Gr. | 3 | H.C. T. (17) | 0.892 | 13.420 | | | | |
| | | F Con. (18) | 6 | | 0.977 | 12.185 | | | | 5461 |
| Sub. & Set. 2 | 8 | Set. | 3 | Asp. (10) | 0.880 | 14.280 | | | | 5463 |
| Li. | 3 | Li. | 3 | Asp. (11) | 0.613 | 9.120 | | | | 5463 |
| App. St. | 5 | App. St. | 3 | Asp. (10) | 0.885 | 15.930 | | | | 5464 |
| Sub. | 6 | Imp. St. | 3 | Se. water | 0.669 | 9.455 | | | Oiled | 5465 |
| Sub. | 6 | Imp. St. | 3 | Asp. (10) | 0.939 | 11.985 | | | | |
| | | F Con. (1) | 6 | | 1.000 | 16.280 | | | | 5466 |
| Sub. | 6 | App. St. | 3 | Se. water | 0.575 | 12.290 | | | | |
| S Con. (d) (17) | 5 | Br. (31) | 4 | | 2.225 | 28.275 | | | | 5467 |
| Sub. | 6 | Fid. | 3 | Asp. (7) | 1.001 | 13.690 | | | | |
| S Con. (d) (1, 3) | 6 | Br. (17) | 4 | | 1.900 | 22.125 | | | | 5468 |
| (Shoulders) | | F Con. (a) | 6 | (1, 3) | 0.683 | | | | | |
| Fid. | 3 | Fid. | 3 | Asp. (7) | 0.978 | 13.470 | | | | |
| | | F Con. (13) | 6 | | 1.000 | 12.990 | | | | *5469 |
| | | F Con. (2, 12) | 6 | | 0.992 | 13.600 | | | | 5470 |
| Fid. | 6 | App. St. | 3 | Se. water | 0.665 | 9.370 | | | | 5471 |
| Sub. & App. St. 3 | 9 | App. St. | 2 1/2 | Asp. (11) | 1.264 | 18.060 | | | | 5472 |
| App. St. | 5 | App. St. | 2 1/2 | Asp. (11) | 1.161 | 17.090 | | | | |
| S Con. (d) (5) | 5 | Se. Bl. | 6 | | 3.160 | 45.400 | | | | 5473 |
| S Con. (d) (5) | 5 | Se. (22) | 4 | | 2.060 | 35.077 | | | | |
| Grv. Con. (d) | 5 | (11) | | | | | | | Oiled | 5474 |
| (Excavation) | | | | Li. Se. L.C. T. (17) | 0.312 | | | | Oiled | 5474A |
| Sub. | 6 | Li. | 2 1/2 | Se. water | 0.650 | | | | | |
| Grv. Con. (d) | 5 | (11) | | Li. Se. L.C. T. (17) | | | | | | 5474 |
| Sub. | 6 | Li. | 2 1/2 | Se. water | 0.650 | 12.920 | | | | 5474A |
| S Con. (d) (6) | 6 | Br. (26) | 4 | | 2.480 | 37.058 | | | | 5475 |
| S Con. (d) (1) | 5 | Br. (32) | 4 | | 2.112 | 22.55 | | | | 5476 |
| | | H Con. (S) | 6 | (1) | 0.900 | 11.17 | | | | |
| Grv. | 6 | F Con. (14) | 6 | | 1.220 | 15.68 | | | | 5477 |
| Sub. & Gr. 2 | 8 | Gr. | 3 | Se. water | 0.707 | 12.500 | | | | 5478 |
| Gr. | 4 | Gr. | 3 | Asp. (10) | 1.100 | 15.125 | | | | 5479 |
| App. St. | 13 | App. St. | 3 | Asp. (11) | 0.930 | 27.340 | | | | 5480 |
| | | H Con. (15) | 5 | | 0.875 | 12.950 | | | Oiled | 5481 |
| S Con. (d) (15) | 5 | Br. (21, 25) | 4 | | 2.284 | 30.400 | | | | 5482 |
| S Con. (d) (15) | 5 | Asp. Bl. | 2 | | 2.164 | 29.270 | | | | |
| S Con. (d) (15) | 5 | Br. (14) | 4 | | 2.020 | 29.320 | | | | 5483 |
| Li. | 5 | Li. | 3 | Asp. (10) | 0.974 | 18.560 | | | | 5484 |
| Sub. & Li. 2 | 10 | Li. | 3 | Asp. (10) | 1.030 | 19.085 | | | | |
| Fid. | 6 | Gr. | 3 | T. (17) | 0.895 | 11.500 | | | | 5485 |
| App. St. | 5 | App. St. | 3 | Asp. (11) | 1.204 | 18.330 | | | | 5486 |
| S Con. (d) (10, 12) | 5 | Br. (20) | 4 | | 2.174 | 27.440 | | | | |
| App. St. | 5 | Li. | 3 | Asp. (11) | 1.210 | 20.260 | | | | 5487 |
| S Con. (d) (17) | 5 | Br. (25) | 4 | | 2.310 | 30.060 | | | | |
| | | F Con. (6) | 6 | | 1.010 | 11.110 | | | | 5488 |
| (Shoulders) | | Grv. | 4 | Water | 0.362 | | | | | |
| S Con. (d) (10) | 5 | Br. (2) | 4 | | 2.190 | 37.500 | | | | 5489 |
| Grv. Con. (d) (15) | 5 | Tr. | 2 | Asp. (11) M.M.-1 | 1.254 | 19.308 | | | | 5490 |
| Sub. & App. St. 2 | 9 | App. St. | 3 | Se. water | 0.708 | 12.225 | | | | |
| Sub. & App. St. 4 | 10 | App. St. | 3 | Se. water | 0.764 | 12.740 | | | | |
| Sub. & App. St. 2 | 8 | App. St. | 3 | Se. water | 0.653 | 12.700 | | | Oiled | 5491 |
| Sub. | 6 | App. St. | 3 | Se. water | 0.542 | 10.660 | | | | |
| App. St. | 6 | App. St. | 3 | Se. water | 0.492 | 10.190 | | | | |
| Sub. | 6 | Li. | 3 | Asp. (10) | 0.992 | 12.690 | | | Oiled | 5492 |
| Sub. | 6 | Li. | 3 | Se. water | 0.720 | 10.135 | | | Oiled | |

APPENDIX A—STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|----------|----------|----------------|------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5493 | Genesee | 0.27 | ..... | \$7,078 80 | \$7,078 80 | 6/29/14 | 100 | 11/18/14 | 0.27 | 16 | 32 | 2,653 |
| 5494 | Scho | 0.70 | ..... | 21,622 18 | 13,121 45 | 6/29/14 | 100 | 5/14/15 | 0.70 | 16, 33 | 26, 36 | 10,913 |
| 5495 | Steuben | 3.48 | ..... | 38,467 52 | 38,467 52 | 7/18/14 | 100 | 1/ 5/15 | 3.48 | 14 | 28 | 28,571 |
| 5496 | Scheneco | 0.90 | ..... | 37,403 93 | 20,213 13 | 7/29/14 | 100 | 1/18/15 | 0.90 | 10-30 | 26-30 | 14,412 |
| 5497 | St. Law. | 9.79 | ..... | 114,015 57 | 114,015 57 | 6/30/14 | 100 | 1/28/16 | 9.79 | 14 | 28 | 80,422 |
| 5498 | Orange | ..... | 4.03 | 360,500 00 | 360,500 00 | 7/13/15 | 70 | ..... | 4.03 | 16 | 24 | 37,758 |
| 5499 | Albany | 2.38 | ..... | 41,066 66 | 41,066 66 | 7/ 9/14 | 100 | 12/23/15 | 0.33 | 16 | 28 | 3,180 |
| 5500 | Essex | 7.18 | ..... | 97,150 43 | 97,150 43 | 7/29/14 | 100 | 7/ 5/16 | 7.18 | 14 | 20-24 | 58,979 |
| 5501 | Albany | 2.86 | ..... | 37,234 06 | 37,234 06 | 7/29/14 | 100 | 12/ 3/15 | 2.86 | 14-16 | 14-18 | 21,480 |
| 5502 | Allegany | 12.06 | ..... | 167,964 28 | 167,964 28 | 7/ 7/14 | 100 | 12/23/15 | 4.32 | 16 | 28 | 40,619 |
| 5503 | Wayne | 2.90 | ..... | 32,028 25 | 33,028 25 | 9/ 8/14 | 100 | 2/ 8/16 | 2.90 | 14-16 | 30 | 24,175 |
| 5504 | Rock | 0.39 | ..... | 9,079 39 | 9,079 39 | 7/28/14 | 100 | 11/23/14 | 0.39 | 16 | 26 | 3,690 |
| 5505 | Nassau | 2.91 | ..... | 49,510 97 | 49,510 97 | 7/31/14 | 100 | 12/ 3/15 | 0.72 | 16 | 23-27 | 6,790 |
| 5506 | Broome | 1.27 | ..... | 64,472 47 | 31,161 95 | 10/ 4/14 | 100 | 1/18/16 | 1.27 | 25-32 | 25-32 | 23,089 |
| 5507 | Monroe | 2.14 | ..... | 21,321 97 | 21,321 97 | 4/16/15 | 100 | 12/ 3/15 | 2.14 | 16 | 34-50 | 20,109 |
| 5508 | Ulster | 6.46 | ..... | 91,596 26 | 91,596 26 | 1/ 7/15 | 100 | 2/29/16 | 0.90 | 14 | 28 | 7,358 |
| 5509 | St. Law. | 5.83 | ..... | 89,172 67 | 89,172 67 | 8/18/14 | 100 | 1/ 4/16 | 0.37 | 14 | 24 | 3,055 |
| 5510 | Sullivan | 8.18 | ..... | ..... | ..... | 10/ 3/14 | 100 | 5/22/18 | 1.25 | 16 | 32 | 11,958 |
| 5510A | Sullivan | 0.44 | ..... | ..... | ..... | 11/ 4/15 | 100 | 5/22/18 | 4.56 | 14 | 18-28 | 37,387 |
| 5511 | Ontario | 5.83 | ..... | 83,515 28 | 79,495 46 | 9/ 3/14 | 100 | 11/25/16 | 0.02 | 14 | 28 | 156 |
| 5512 | Rock | ..... | 3.75 | 73,400 00 | 73,400 00 | ..... | ..... | ..... | 8.18 | 16 | 28 | 76,802 |
| 5513 | Herk | 0.90 | ..... | 47,244 61 | 12,396 58 | 10/17/14 | 100 | 9/22/15 | 0.44 | 16 | 26 | 4,082 |
| 5514 | Hamilt. | 6.98 | ..... | 10,418 82 | 10,418 82 | 10/20/14 | 100 | 12/ 3/15 | 5.08 | 16 | 30 | 47,678 |
| 5515 | Madison | 0.81 | ..... | 156,298 73 | 156,298 73 | 10/31/14 | 100 | 3/10/17 | 0.17 | 19 | 32 | 1,927 |
| 5516 | Onondaga | 8.73 | ..... | ..... | ..... | ..... | ..... | ..... | 0.61 | 19 | 32 | 6,838 |
| 5517 | Steuben | 4.27 | ..... | 48,323 37 | 48,323 37 | 12/12/14 | 100 | 12/30/15 | 1.15 | 16 | 26 | 10,800 |
| 5518 | Allegany | 4.75 | ..... | ..... | ..... | 10/20/14 | 100 | 7/3/18 | 2.60 | 16 | 26 | 24,253 |
| 5519 | Saratoga | ..... | ..... | ..... | ..... | 12/14/14 | 100 | ..... | 0.90 | 26-37 | 26-37 | 18,725 |
| 5519A | Saratoga | ..... | ..... | ..... | ..... | 9/25/16 | 100 | 1/ 8/18 | 6.98 | 14 | 24 | 57,253 |
| 5519 | Sara. | 3.71 | ..... | ..... | ..... | ..... | 100 | ..... | 0.81 | 16 | 36 | 7,636 |
| 5519A | Sara. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.23 | 14 | 30 | 10,099 |
| 5520 | Clinton | 11.83 | ..... | 111,311 64 | 111,311 64 | 11/ 2/14 | 100 | 1/12/16 | 7.50 | 14-16 | 28-30 | 64,602 |
| 5521 | Oneida | 5.72 | ..... | 63,047 05 | 63,047 05 | 11/ 4/14 | 100 | 12/ 8/15 | 4.37 | 14 | 26 | 25,030 |
| 5522 | Monroe | 3.97 | ..... | 40,464 79 | 40,464 79 | 11/ 4/14 | 100 | 11/20/15 | 3.18 | 14 | 26 | 26,109 |
| 5523 | Hamilt. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.57 | 14 | 26 | 13,884 |
| 5524 | Herk | 5.27 | ..... | 53,728 46 | 53,728 46 | 11/ 4/14 | 100 | 10/26/16 | ..... | ..... | ..... | ..... |
| 5525 | Cayuga | 4.58 | ..... | 65,673 10 | 65,673 10 | 1/ 6/15 | 100 | 12/23/16 | 0.01 | 17-15 | 26 | 137 |
| 5526 | Onwego | 4.78 | ..... | 49,382 16 | 49,382 16 | 12/14/14 | 100 | 10/14/15 | 5.72 | 16 | 28 | 53,647 |
| 5527 | Dela | 3.90 | ..... | 46,364 44 | 46,364 44 | 1/ 7/15 | 100 | 12/30/15 | 3.69 | 16 | 32 | 35,808 |
| 5528 | Warren | 0.61 | ..... | 44,810 22 | 14,783 71 | 12/11/14 | 100 | 12/28/15 | 0.28 | 16 | 26-32 | 1,778 |
| 5529 | Jeffers | 6.06 | ..... | 77,848 07 | 71,011 93 | 12/14/14 | 100 | 12/28/15 | ..... | ..... | ..... | ..... |
| 5530 | Jeffers | 0.95 | ..... | 33,182 45 | 38,182 45 | 12/14/14 | 100 | 10/13/15 | ..... | ..... | ..... | ..... |
| 5531 | Wash | 1.32 | ..... | 50,954 36 | 26,854 88 | 12/15/14 | 100 | 12/28/15 | ..... | ..... | ..... | ..... |
| 5532 | Allegany | 2.58 | ..... | 60,223 71 | 57,812 87 | 10/29/15 | 100 | 12/18/17 | 0.69 | 116-20 | 24-30 | 6,869 |
| 5532 | Steuben | 2.67 | ..... | ..... | ..... | ..... | ..... | ..... | 0.63 | 29-36 | 32-36 | 13,422 |
| 5533 | Steuben | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.38 | 26/ 16 | 28 | 3,535 |
| 5534 | Steuben | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10 | ..... | 2,214 |
| 5535 | Steuben | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.87 | 14 | 26 | 40,560 |

* See Appendix B, list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|---------------|-----------|-----------------|-----------------------------|-----------------------------|------------------|-------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sc. Grv. Con (d) (1). | 5 | Br. (11) | 4 | | 2 090 | 24,910 | | | 5493 | |
| | | F Con. (a) | 6 | | 1 008 | 25,030 | | | 5494 | |
| Grv. Con (d) (11) | 5 | Grv. | 1 1/2 | T. (17) | 0 803 | 12,000 | | | 5495 | |
| S Con. (d) (10) | 5 | Br. (23) | 4 | | 2 140 | 27,120 | | | 5496 | |
| Fld. | 18 | Dol. | 3 | Asp. (10) | 0 913 | 11,335 | | | 5497 | |
| App. St. | 3 | App. St. | 3 | Asp. () | 0 702 | 93,580 | | | 5498 | |
| | | F Con (9,10) | 6 | | 1 120 | 20,050 | | | | |
| Tr. | 4 | App. St. | 3 | Asp. (10) | 0 802 | 17,135 | | | 5499 | |
| Tr. | 4 | Tr. | 3 | Sc. water | 0 750 | 16,570 | | | Oiled | |
| Gab. G. | 4 | Gab. G. | 3 | Sc. water | 0 613 | 14,727 | | | Oiled | |
| Fld. 6" Li. 2" | 5 | Li. | 3 | Sc. water | 0 909 | 18,215 | | | Oiled | |
| Grv. Con (d) (5) | 5 | | | Sc. H.C.T. (17) | 0 903 | 14,895 | | | Oiled | |
| St. | 4 | St. | 2 1/2 | Sc. water | 0 740 | 13,375 | | | Oiled | |
| | | F Con. (10) | 6 | | 0 983 | 11,905 | | | | |
| Sub. 6" Tr. 2" | 10 | Tr. | 3 | Asp. (2) | 1 540 | 23,130 | | | 5503 | |
| Old Mac. Tr. 1 1/2" | 1 1/2 | Tr. | 3 | Asp. (10) M.M.I | 1 268 | 15,190 | | | 5504 | |
| Old Mac. | | Grv. | 3 | Asp. (10) M.M.I | 1 160 | 14,150 | | | | |
| Grv. Con (d) (18) | 4 1/2 | Tr. | 2 1/2 | Asp. (10) M.M.I | 1 486 | 17,290 | | | 5505 | |
| Grv. Con. (d) (8, 17) | 5 | Br. (10) | 4 | | 1 790 | 31,250 | | | 5506 | |
| Grv. | 6 | Li. | 3 | Sc. water | 0 592 | 9,390 | | | 5507 | |
| Sub. 6" Tr. 2" | 8 | Tr. | 3 | Asp. (2) | 0 900 | 15,315 | | | | |
| Tr. | 5 | Tr. | 3 | Asp. (2) | 0 796 | 13,335 | | | 5508 | |
| Sub. | 6 | Tr. | 2 | Asp. (2) | 0 317 | 9,840 | | | | |
| S Con (d) (10) | 6 | Br. (2) | 4 | | 2 633 | 28,390 | | | | |
| Sub. | 6 | Gn. | 3 | Asp. (7) | 0 889 | 12,015 | | | 5509 | |
| Sub. | 6 | | | | 0 333 | 7,795 | | | | |
| Fld. | 8 | Sat. | 3 | Asp. | | | | | 5510 | |
| Sub. | 8 | Sat. | 3 | Asp. () | | | | | 5510A | |
| Grv. | 5 | Li. | 3 | Sc. water | 0 535 | 10,840 | | | | |
| S Con. (d) (10, 17) | 6 | St. Blk. | 5 | | 2 956 | 33,570 | | | 5511 | |
| S Con. (d) (10, 17) | 6 | Br. (25) | 4 | | 1 956 | 24,180 | | | | |
| Fld. | 6 | H Con. () | 6 | | 1 333 | 21,140 | | | 5512 | |
| | | H Con. () | 6 | | 1 000 | 18,020 | | | | |
| S Con. (d, h) (10) | 5 | Bitu. | 2 | | 2 290 | 33,465 | | | 5513 | |
| Sub. | 6 | App. St. | 3 | Sc. water | | | | | 5514 | |
| Fld. | 6 | Li. | 3 | Asp. (11) | 0 925 | 12,195 | | | 5515 | |
| Lil. | 5 | Li. | 3 | Asp. (10) | 1 001 | 20,310 | | | 5516 | |
| Li. | 3 | Li. | 2 1/2 | Asp. (10) | 0 773 | 18,170 | | | | |
| Grv. Con. (d) (5) | 5 | App. St. | 1 1/2 | T. (17) | 0 773 | 12,235 | | | 5517 | |
| Fld. | 6 | S Con (5, 11) | 6 | | | | | | 5518 | |
| | | S Con (5, 11) | 6 | | | | | | | |
| St. | 4 | St. | 3 | Sc. Water | 0 648 | 12,050 | | | 5519 | |
| | | | | T. (17) | | | | | 5519A | |
| Sub. | 6 | Lo. St. | 3 | T (17) | 0 771 | 10,320 | | | 5519 | |
| | | Lo. St. | 3 | T (17) | 0 538 | 8,130 | | | 5519A | |
| Grv. 6" Sat. 3" | 9 | Li. | 3 | Sc. water | 0 781 | 10,800 | | | 5520 | |
| Grv. | 5 | Li. | 3 | Sc. water | 0 549 | 9,635 | | | Oiled | |
| Grv. | 8 | Li. | 3 | Sc. water | 0 671 | 10,765 | | | Oiled | |
| Sub. | 6 | Li. | 3 | Sc. water | 0 537 | 10,110 | | | *5523 | |
| Li. | 5 | Li. | 3 | Asp. (10) | 1 074 | 15,360 | | | 5524 | |
| Lo. St. | 5 | Lo. | 8 | Asp. (2) | 0 910 | 11,921 | | | 5525 | |
| Lo. St. | 3 | Lo. | 2 1/2 | Asp. (2) | 0 703 | 9,983 | | | | |
| Old Mac. | | Lo. | 3 | Asp. (2) | | 8,195 | | | 5526 | |
| Fld. | 8 | App. St. | 3 | Asp. (10) | 0 817 | 13,355 | | | 5527 | |
| S Con. (d) (9) | 5 | Asp. Blk. | 2 | | 2 190 | 28,370 | | | 5528 | |
| | | H Con. | 6 | (1, 10) | 1 009 | 11,470 | | | 5529 | |
| Sc. Grv. Con. (d) (5, 11) | 6 | Br. (17) | 4 | | 2 330 | 24,400 | | | 5530 | |
| | | F Con. (15) | 6-P | | 0 858 | 18,095 | | | 5531 | |
| S Con. (d) (15) | 15 1/2 | Br. (32) | 4 | | 2 412 | 32,010 | | | | |
| S Con. (5, 17) | 5 | Br. (28) | 4 | | 1 981 | 21,405 | | | | |
| Shoulder | | S Con (5, 17) | 6 | | 0 694 | 9,785 | | | 5532 | |
| Sub. | 5 | St. | 3 | Asp. (2) | 0 728 | 10,105 | | | 5532 | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5333 | Renss. | 2.11 | | \$30,031 13 | \$30,061 19 | 3/28/15 | 100 | 12/28/15 | 0.18 | 10 | 25 | 1,068 |
| 5334 | Saratoga | 4.98 | | 61,487 90 | 61,487 90 | 1/ 8/15 | 100 | 1/29/16 | 1.93 | 16 | 26 | 18,218 |
| 15835 | St. Law. | 6.65 | | 61,477 34 | 64,477 34 | 4/16/15 | 100 | 1/28/16 | 0.37 | 16 | 26 | 3,466 |
| 5536 | St. Law. | 8.35 | | 103,327 98 | 103,327 98 | 1/ 7/15 | 100 | 1/ 4/16 | 4.61 | 16 | 26 | 37,885 |
| 5537 | Steuben | 1.72 | | 37,699 18 | 29,346 85 | 7/19/15 | 100 | 1/27/16 | 6.46 | 14, 16 | 28, 32 | 54,072 |
| 5538 | Genesee | 2.84 | | 28,583 74 | 28,583 74 | 1/11/15 | 100 | 12/20/15 | 0.19 | 16 | 32 | 1,815 |
| 5539 | Monroe | | 7.31 | 87,000 00 | 87,000 00 | 9/28/15 | 80 | | 8.35 | 14 | 28 | 68,677 |
| 5540 | Essex | 10.16 | | 101,196 51 | 101,196 51 | 1/ 6/15 | 100 | 12/22/16 | 0.21 | 37 | 32 | 3,467 |
| 5541 | Essex | 5.97 | | 63,033 44 | 63,063 44 | 1/ 6/15 | 100 | 1/30/17 | 1.51 | 16-32 | 26-32 | 15,088 |
| 5542 | Saratoga | 4.51 | | 46,592 33 | 46,592 33 | 1/ 8/15 | 100 | 1/29/16 | 1.61 | 16 | 32 | 11,555 |
| 5543 | Cattaraugus | | 6.95 | 140,000 00 | 140,000 00 | 3/29/16 | 46 | | 1.23 | 16 | 32 | 83,666 |
| 5544 | Cattaraugus | | 6.88 | 167,000 00 | 129,000 00 | 5/24/15 | 60 | | 5.97 | 14 | 24 | 49,123 |
| 5545 | Schenec. | | 5.62 | 50,855 00 | 50,855 00 | 5/14/15 | 27 | | 4.51 | 14 | 26 | 37,018 |
| 5546 | Erie | 4.48 | | 73,579 57 | 73,579 59 | 3/29/15 | 100 | 12/23/15 | 6.95 | 16 | 26-32 | 69,600 |
| 5547 | Oneida | | 0.70 | 24,900 00 | 24,900 00 | 10/25/15 | 23 | | 5.90 | 16 | 32 | 58,560 |
| 5548 | Jeffers | 7.27 | | 146,008 39 | 117,042 26 | 5/17/15 | 100 | 12/ 2/16 | 0.98 | 22-40 | 22-40 | 19,500 |
| 5549 | Dutchess | 0.88 | | 40,485 18 | 23,315 89 | 6/13/16 | 100 | 1/ 5/18 | 5.62 | 14 | 26 | 46,800 |
| 5550 | Erie | 0.59 | | 28,793 99 | 13,839 67 | 7/17/15 | 100 | 11/23/16 | 4.48 | 16 | 32 | 42,669 |
| 5551 | Schenec. | 3.34 | | 38,066 65 | 33,096 65 | 5/24/15 | 100 | 10/18/17 | 0.70 | 16 | 28 | 7,000 |
| 5552 | Frank | 8.78 | | 88,798 09 | 88,798 09 | 5/ 7/15 | 100 | 12/28/15 | 5.91 | 14 | 32 | 48,907 |
| 5553 | Oneida | 5.73 | | 60,927 37 | 60,927 37 | 5/24/15 | 100 | 12/12/16 | 1.36 | 16-31 | 32-61 | 22,700 |
| 5554 | Fulton | 4.58 | | 50,972 07 | 50,972 07 | 6/18/15 | 100 | 12/ 6/16 | 0.60 | 16-40 | 30-42 | 11,069 |
| 5555 | Albany | 4.19 | | 53,977 65 | 53,977 65 | 6/10/15 | 100 | 11/29/16 | 0.28 | 13-16 | 30-47 | 2,296 |
| 5556 | Orleans | 0.17 | | 2,906 24 | 2,906 24 | 6/12/15 | 100 | 12/25/15 | 0.91 | 17-31 | 30-47 | 3,743 |
| 5557 | Schuyler | | 6.03 | 80,000 00 | 80,000 00 | 7/24/15 | 45 | | 0.59 | 26-28 | 26-28 | 9,573 |
| 5558 | Oneida | 4.68 | | 44,342 43 | 44,342 43 | 11/15/15 | 100 | 2/ 6/17 | 5.73 | 16 | 28 | 41,561 |
| 5559 | Herk. | 4.31 | | 78,815 43 | 78,816 46 | 6/18/15 | 100 | 3/ 5/18 | 6.03 | 10-12 | 22 | 41,400 |
| 5559 | Oneida | 4.53 | | | | | | | 4.68 | 16 | 28 | 43,974 |
| 5560 | Niagara | 1.32 | | 32,057 37 | 24,115 15 | 6/18/15 | 100 | 1/ 4/16 | 8.89 | 16 | 16-30 | 84,000 |
| 5561 | Niagara | 4.40 | | 59,566 61 | 59,566 61 | 6/17/15 | 100 | 12/18/16 | 0.76 | 16 | 32 | 7,154 |
| 5562 | Niagara | 2.33 | | 41,781 03 | 41,781 03 | 6/18/15 | 100 | 1/ 4/16 | 0.37 | 16 | 25-32 | 3,442 |
| 5563 | Niagara | 5.07 | | | | 6/26/15 | 100 | 11/10/18 | 0.19 | 40-46 | 40-48 | 4,935 |
| 5564 | Steuben | 7.31 | | 69,736 22 | 68,133 11 | 7/15/15 | 100 | 3/ 3/17 | 4.40 | 16-31 | 32 | 41,396 |
| 5565 | Chen. | 7.78 | | 102,028 17 | 85,793 57 | 7/22/15 | 100 | 7/27/17 | 2.08 | 16 | 82 | 19,795 |
| 5566 | Cortland | 0.23 | | 2,809 56 | 2,803 86 | 7/17/15 | 100 | 10/19/16 | 0.25 | 16 | 26-28 | 2,311 |
| 5567 | Tomp. | 3.05 | | 31,781 07 | 31,781 07 | 7/16/15 | 100 | 1/25/16 | 0.34 | 24-36 | 32-35 | 6,420 |
| 5568 | Chen. | 3.98 | | 54,449 54 | 54,449 54 | 7/15/15 | 100 | 1/ 3/17 | 4.78 | 16 | 32-44 | 47,049 |
| 5569 | Scho. | 4.79 | | 50,996 51 | 50,996 51 | 7/14/15 | 100 | 10/14/16 | 0.23 | 14 | 26 | 1,866 |
| 5570 | Ulster | 2.91 | | 31,400 46 | 31,410 46 | 7/15/15 | 100 | 9/24/17 | 4.79 | 14 | 26 | 39,363 |
| 5571 | West. | | 4.29 | 73,500 00 | 73,500 00 | 7/16/15 | 55 | | 2.91 | 16 | 26 | 27,275 |
| 5572 | Orange | | 1.17 | 15,500 00 | 15,500 00 | 8/31/15 | | | 1.94 | 16 | 26 | 18,202 |
| 5573 | Orange | | 1.17 | 15,500 00 | 15,500 00 | 8/31/15 | | | 1.30 | 16 | 26 | 12,210 |
| 5574 | Colum. | 1.17 | | 46,533 53 | | 8/31/15 | | | 1.05 | 16 | 26 | 9,854 |
| 5575 | Schuyler | 0.80 | | | | 8/31/15 | | | 1.17 | 16 | 22-29 | 11,040 |
| 5575 | Tomp. | 3.32 | | | | 8/31/15 | | | 1.17 | 28-46 | 29-46 | 26,453 |
| 5576 | Ontario | 4.69 | | 3,962 41 | 3,962 41 | 8/30/15 | 100 | 12/ 3/15 | 4.12 | 14 | 24-26 | 34,680 |
| 5577 | Scho. | | 7.95 | 112,800 00 | 112,800 00 | 8/31/15 | 65 | | 4.69 | 12 | 12 | 33,117 |
| | | | | | | | | | 7.31 | 14 | 26-31 | 60,030 |
| | | | | | | | | | 0.64 | 14 | 24 | 5,400 |

† Changed from original plans.

‡ Combined with 5493.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PERCENT PAVEMENT | | | Highway No. |
|--------------------------------|-----------|-----------------|-----------|------------|-----------------------------|---------------------------|------------------|-------|--------------|-------------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16-26 highway | Year resurfaced | Miles | Type | |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Lo. St. | 4 | Lo. St. | 3 | | 0.639 | 11,295 | | | | 5533 |
| 8 Con. (d) | 6 | F Con. (a) | 6 | (10) | 0.966 | 15,365 | | | | 5534 |
| Sub. 6, Gab. 2 | 8 | Br. (17) | 4 | | 2.270 | 26,173 | | | | 5535 |
| Sub. | 8 | Gab. | 3 | So., water | 0.752 | 12,023 | | | | 5536 |
| | | Li. | 3 | Asp. (10) | 0.809 | 10,560 | | | | 5537 |
| Fld. 8" Gn.St. 2" | 10 | F Con. (9) | 6 | | 1.168 | 13,930 | | | | 5538 |
| 8 Con. (d) (5, 16) | 5 | Gn. St. | 3 | Asp. (2) | 1.062 | 13,480 | | | | 5539 |
| | | Br. (38) | 4 | | 1.875 | 24,430 | | | | 5540 |
| Li. | 3 | H Con. (sl.) | 6 | (5, 16) | 0.892 | 18,200 | | | | 5541 |
| Li. | 3 | Li. | 3 | So., water | 0.598 | 9,123 | | | | 5542 |
| App. St. | 3 | Li. | 3 | So., water | 0.681 | 9,910 | | | | 5543 |
| Lo. St. | 3 | Li. | 3 | So., water | 1.090 | 14,283 | | | | 5544 |
| Lo. St. | 3 | Lo. St. | 3 | So., water | 0.552 | 11,000 | | | | 5545 |
| Lo. St. | 3 | Lo. St. | 3 | So., water | 0.516 | 11,410 | | | | 5546 |
| Sub. 6", Lo. 2" | 8 | Lo. St. | 3 | So., water | 0.701 | 11,160 | | | | 5547 |
| | | F Con. (5) | 6 | | 1.100 | 17,901 | | | | 5548 |
| | | F Con. (16) | 6 | | 1.125 | 18,330 | | | | 5549 |
| 8 Con. (16) | 6 | Br. (1) | 4 | | 2.203 | 28,451 | | | | 5550 |
| Sub. 6", Ap. St. 2" | 8 | App. St. | 3 | | 0.889 | 12,383 | | | | 5551 |
| | | F Con. (5) | 18P | | 1.317 | 16,001 | | | | 5552 |
| 8 Con. (9) | 5 | App. St. | 2 | MM-2 | 1.980 | 33,809 | | | | 5553 |
| | | F Con. (a) | 10P | | 0.933 | 13,873 | | | | 5554 |
| | | (1, 10) | 4 | | 2.344 | 27,143 | | | | 5555 |
| 8 Con. (d) (1, 10) | 5 | Br. (3) | 6 | | 0.983 | 18,709 | | | | 5556 |
| | | F Con. | 4 | | 2.168 | 29,880 | | | | 5557 |
| F Con. | 5 | Br. | 4 | | 0.983 | 18,769 | | | | 5558 |
| | | F Con. | 6 | | 1.993 | 29,840 | | | | 5559 |
| Grv. Con. (d) (1, 11, 16, 23) | 5 | Br. (1) | 4 | | 0.635 | 12,150 | | | | 5560 |
| Sub. 6", Lo. 2" | 8 | Lo. St. | 3 | So., water | 0.503 | 8,570 | | | | 5561 |
| | | Gn. & Gn. | 3 | Asp. (10) | 0.758 | 10,965 | | | | 5562 |
| Lo. Sub. | 9 | Gn. & Gn. | 3 | Asp. (10) | 0.600 | 10,560 | | | Oiled | 5563 |
| Sub. | 6 | Set. | 3 | So., water | 0.587 | 11,140 | | | | 5564 |
| Sub. | 6 | Gn. | 3 | T. (17) | 0.978 | 12,790 | | | | 5565 |
| Sub. 6", Ap. St. 2" | 8 | App. St. | 3 | T. (17) | 1.028 | 17,191 | | | | 5566 |
| Sub. | 6 | Li. | 3 | So., water | 1.000 | 16,342 | | | | 5567 |
| Fld. | 6 | Li. | 3 | So., water | 0.554 | 8,750 | | | Oiled | 5568 |
| Sub. | 6 | Lo. St. | 3 | So., water | | | | | | 5569 |
| Sub. | 6 | Li. | 3 | So., water | | | | | | 5570 |
| | | F Con. (1) | 17P | | 0.933 | 13,765 | | | | 5571 |
| Grv. Con. (g) (1) | 17P | Br. (3) | 4 | | 1.876 | 22,615 | | | | 5572 |
| Grv. Con. (g) (1) | 5 | Br. (3) | 4 | | 1.876 | 22,615 | | | | 5573 |
| | | F Con. (11) | 6 | | 0.901 | 12,725 | | | | 5574 |
| 8 Con. (11) | 17P | F Con. (11) | 18P | | 1.033 | 13,810 | | | | 5575 |
| 8 Con. (d) (10, 16) | 5 | Br. (3) | 4 | | 1.869 | 21,650 | | | | 5576 |
| | | Br. (3) | 4 | | | | | | | 5577 |
| | | F Con. (10, 16) | 6 | | | | | | | 5578 |
| Grv. | 5 | Li. & Sl. | 3 | So., water | 0.613 | 9,969 | | | | 5579 |
| Sub. | 6 | Li. | 3 | Asp. (10) | 0.771 | 12,609 | | | | 5580 |
| Sub. 8", Sl. 1 1/2" | 9 1/2 | Sl. | 2 1/2 | Asp. (11) | 0.843 | 12,020 | | | | 5581 |
| Sub. | 6 | Li. | 3 | So., water | 0.676 | 11,215 | | | Oiled | 5582 |
| Grv. Con. (d) (8) | 6 | Li. | 1 1/2 | T. (17) | 0.839 | 13,385 | | | | 5583 |
| Grv. Con. (d) (8) | 6 | Li. | 2 1/2 | T. (17) | 1.136 | 16,170 | | | | 5584 |
| Sub. | 3 | Li. | 3 | Asp. (10) | 0.775 | 11,559 | | | | 5585 |
| Sub. | 6 | Lo. St. | 3 | Asp. (11) | 0.552 | 10,383 | | | | 5586 |
| App. St. | 5 | App. St. | 3 | Asp. (10) | 0.941 | 17,140 | | | | 5587 |
| Sub. 8", Ap. St. 2" | 10 | App. St. | 3 | Asp. (10) | 1.002 | 17,775 | | | | 5588 |
| App. St. | 3 | App. St. | 3 | So., water | 0.774 | 15,535 | | | | 5589 |
| | | | | | | | | | | 5590 |
| App. St. | 3 | App. St. | 3 | Asp. () | 0.723 | 12,785 | | | | 5591 |
| Set. | 5 | Tr. | 3 | Asp. (10) | 0.973 | 20,290 | | | | 5592 |
| Sub. | 6 | Lo. St. | 3 | So., water | | | | | | 5593 |
| | | | | CO. () | | | | | | 5594 |
| Old Mac. | | App. St. | Var. | T. (17) Sn | 0.076 | 1,050 | 1917 | 4.69 | 3" Bit. Mac. | 5576 |
| Set. Sub. | 3 | Set. | 3 | Asp. () | 0.900 | 15,810 | | | | 5577 |
| Set. | 4 | Set. | 3 | Asp. () | 0.859 | 15,340 | | | | 5578 |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5378 | Wash... | 1.88 | | \$34,513 14 | \$34,513 14 | 8/31/15 | 100 | 11/23/16 | 1.88 | 14 | 26 | 15,451 |
| 5379 | Herk... | 6.55 | | 82,400 00 | 82,400 00 | 8/30/15 | 90 | | 6.55 | 16 | 26 | 63,480 |
| 5380 | Dutchess | 6.97 | | 105,000 00 | 105,000 00 | 6/10/16 | 32 | | 6.97 | 10-14 | 24-36 | 55,145 |
| 5381 | Monroe | 0.14 | | 11,899 28 | 3,213 13 | 9/10/15 | 100 | 5/ 5/16 | 0.14 | 56 | 56 | 4,694 |
| 5382 | Genesee | 4.53 | | | | 10/26/15 | 100 | 11/ 4/13 | 4.53 | 16 | 32 | 42,900 |
| 5383 | Greene | 4.77 | | 60,500 00 | 60,500 00 | 8/24/15 | 98 | | 4.70 | 14 | 26 | 39,300 |
| 5384 | Herk... | 4.18 | | 55,800 45 | 55,800 45 | 8/31/15 | 100 | 12/24/17 | 4.18 | 16 | 26 | 39,254 |
| 5385 | Chen... | 6.18 | | 54,900 00 | 49,945 00 | 8/24/15 | 25 | | 6.18 | 14-16 | 26 | 63,380 |
| 5385 | Madison | | | | | | | | | | | |
| *5386 | Madison | 3.05 | 4.84 | | | 3/30/15 | | | 7.91 | 14 | 26 | 65,646 |
| 5387 | Onond. | | 5.12 | 102,900 00 | 33,800 00 | 4/21/16 | 33 | | 0.37 | 35 | 35 | 8,837 |
| 5388 | Greene | 3.95 | | 156,094 73 | 156,094 73 | 8/26/15 | 50 | | 4.75 | 17 | 30-34 | 47,385 |
| 5389 | Seneca | 5.01 | | 52,761 20 | 50,725 71 | 10/33/15 | 100 | 8/30/17 | 3.56 | 16 | 24 | 33,380 |
| 5390 | Niagara | | | | | | | | 0.40 | 16 | 24 | 3,780 |
| 5391 | Orange | 0.88 | | 3,351 50 | 3,351 50 | 10/26/15 | 100 | 6/14/16 | 4.61 | 14 | 30 | 37,669 |
| *5392 | Saratoga | | | | | | | | 0.46 | 18, 22 | 31, 32 | 5,140 |
| 5393 | Livingst. | 7.69 | | 78,000 00 | 78,000 00 | 10/26/15 | 4 | | 0.21 | 16 | 24 | 1,984 |
| 5394 | Clinton | 3.79 | | | | 10/26/15 | 100 | 8/10/18 | 0.15 | 16 | 24 | 1,338 |
| 5395 | Cort... | 3.75 | | 46,651 12 | 36,272 31 | 11/ 1/15 | 100 | 1/30/17 | 0.02 | 16 | 24 | 199 |
| 5396 | Chaut... | 0.80 | | 23,800 83 | 21,564 53 | 11/15/15 | 100 | 3/21/18 | 2.82 | 16 | 32 | 26,510 |
| 5397 | Oneida | 5.34 | | 63,200 00 | 63,200 00 | 9/11/15 | 7 | | 4.87 | 16 | 24-32 | 45,680 |
| *5398 | Saratoga | 1.10 | | | | 8/21/16 | 100 | 9/18/18 | 2.87 | 14 | 26 | 28,599 |
| *5399 | Ulster | | | | | | | | 0.92 | 14 | 26 | 7,510 |
| *5399A | Ulster | 2.11 | | 31,673 69 | 31,673 69 | 6/ 7/16 | 100 | 12/12/16 | 1.09 | 14 | 29 | 8,944 |
| 5400 | Erie | 1.85 | | | | | | | 1.75 | 14 | 29-32 | 14,333 |
| 5401 | Ulster | 1.85 | | | | 6/ 9/16 | 100 | 5/27/18 | 0.90 | 16-49 | 26-49 | 11,013 |
| 5402 | Frank | 1.99 | | 82,100 00 | 43,300 00 | 8/21/16 | 71 | | 0.01 | 45 | 49 | 472 |
| *5403 | Orleans | | | | | | | | 0.80 | 16-48 | 32-48 | 9,265 |
| 5404 | Oneida | 1.05 | | 53,000 00 | 21,800 00 | 8/ 2/17 | 90 | | 5.34 | 16 | 28 | 50,843 |
| 5405 | Oneida | 0.52 | | 29,185 09 | 7,360 04 | 5/ 9/17 | 100 | 12/18/17 | 1.16 | 35-40 | 35-40 | 21,745 |
| 5406 | West | 2.74 | | | | 5/14/17 | 100 | 12/ 6/13 | 0.34 | 27 | 41 | 5,366 |
| 5407 | Cattaraugus | 4.73 | | 78,800 00 | 78,800 00 | 11/ 1/16 | 5 | | 0.71 | 9 | | 1,770 |
| 5408 | Cattaraugus | 2.17 | | 36,000 00 | 36,000 00 | 3/16/17 | 27 | | 0.52 | 16 | 28 | 6,702 |
| 5409 | Cayuga | 3.89 | | 75,800 00 | 75,800 00 | 7/15/16 | 72 | | 0.80 | 30 | 32, 81 | 9,308 |
| 5410 | Cayuga | 4.39 | | 75,800 00 | 75,800 00 | 7/11/16 | 24 | | 2.74 | 16-20 | 25-34 | 32,171 |
| 5411 | Steuben | 5.75 | | 56,880 79 | 56,880 79 | 7/14/16 | 100 | 2/ 4/13 | 4.73 | 16 | 32 | 44,811 |
| 5412 | St. Law. | 9.12 | | 170,600 00 | 170,600 00 | 10/13/16 | 81 | | 2.17 | 16 | 32 | 20,344 |
| 5413 | Franklin | 10.36 | | 141,000 00 | 141,000 00 | 8/22/16 | 73 | | 3.89 | 14 | 28 | 31,500 |
| 5414 | Albany | 0.10 | | 1,917 44 | 1,917 44 | 8/17/16 | 100 | 11/29/16 | 0.63 | 14 | 28 | 30,873 |
| 5415 | Albany | 9.07 | | 126,000 00 | 121,000 00 | 8/21/16 | 16 | | 0.63 | 14 | 28 | 5,200 |
| 5416 | Ontario | 2.26 | | 63,000 00 | 63,000 00 | 8/21/16 | 98 | | 5.75 | 14 | 26 | 47,243 |
| 5417 | Jeffers | 5.08 | | 69,000 00 | 56,200 00 | 8/21/16 | 63 | | 2.18 | 14 | 26 | 17,899 |
| 5418 | Jeffers | 4.06 | | 69,000 00 | 56,200 00 | 8/21/16 | 63 | | 6.94 | 14, 16 | 28, 32 | 57,626 |
| 5419 | Scho... | 2.73 | | 37,433 43 | 37,433 43 | 8/23/16 | 100 | 11/ 9/17 | 10.86 | 14 | 28 | 35,068 |
| 5420 | Ontario | 0.62 | | 12,846 40 | 7,990 52 | 8/21/16 | 100 | 1/24/17 | 0.10 | 16 | 28 | 924 |
| *5421 | Herk... | | | | | | | | 9.07 | 14, 40 | 26, 40 | 86,114 |
| 5422 | Erie | 5.19 | | 119,500 00 | 119,400 00 | 11/2/16 | 1 | | 2.26 | 16 | 24-26 | 21,177 |
| 5423 | Chen... | 1.80 | | 24,600 00 | 15,000 00 | 9/25/16 | 98 | | 0.61 | 14 | 30 | 5,016 |
| 5424 | Chen... | | | | | | | | 4.42 | 14 | 30 | 36,398 |
| 5425 | Chen... | | | | | | | | 5.84 | 14-22 | 28-32 | 21,998 |
| 5426 | Chen... | | | | | | | | 0.21 | 22-28 | 22-28 | 3,611 |
| 5427 | Chen... | | | | | | | | 2.73 | 14 | 26 | 23,428 |
| 5428 | Chen... | | | | | | | | 0.82 | 16-25 | 16-35 | 8,632 |
| 5429 | Chen... | | | | | | | | 5.19 | 16 | 26-40 | 48,719 |
| 5430 | Chen... | | | | | | | | 0.64 | 11-24 | 22-28 | 7,977 |
| 5431 | Chen... | | | | | | | | 0.66 | 14 | 22 | 5,561 |

* See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | Highway No. | |
|--------------------------------|-----------|-----------------|-----------|-----------------|-----------------------------|-----------------------------|------------------|-------|-------------|------|
| BOTTOM | | TOP | | Surfacing | Per square yard of pavement | Per mile of 16'-20' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | | | | | | | |
| Sub. 6", Lo. 2" | 2 | Lo. | 3 | Se. T. (17).... | 0.721 | 19,205 | | | 5578 | |
| Fld. | 2 | Fld. | 3 | HC. T. ().... | 0.718 | 12,450 | | | 5579 | |
| Sub. | 2 | Lo. St. | 3 | Asp. ().... | 1.010 | 16,040 | | | 5580 | |
| S Con. (d) (2) | 2 | Br. (18) | 4 | Sc. water. | 1.856 | 28,500 | | | 5581 | |
| Li. | 2 | Li. | 3 | CaCl. | | | | | 5582 | |
| Sub. Sub. | 2 | Set. | 3 | Asp. (10) | 0.828 | 13,515 | | | 5583 | |
| Sub. | 2 | Set. | 3 | Sc. water. | 0.658 | 13,330 | | | 5584 | |
| Fld. | 2 | Li. | 3 | Se. HC. T. () | 0.697 | 9,679 | | | 5585 | |
| Fld. | 2 | Li. | 3 | Sc. water. | | | | | 5586 | |
| S Con. (10, 12) | 5 | Br. | 4 | | 1.989 | 24,671 | | | 5587 | |
| Fld. | 2 | F Con. | 6 | | 1.035 | 15,716 | | | 5588 | |
| Old Mm. | 2 | Fld. | 3 | Sc. water. | 0.463 | 40,750 | | | 5589 | |
| Sub. | 2 | Fld. | 3 | Sc. water. | 0.212 | 38,405 | | | 5590 | |
| Sub. | 2 | Li. | 3 | CaCl. | 0.818 | 10,875 | | | 5591 | |
| Sub. | 2 | Li. | 3 | Asp. (11) | 0.957 | 12,175 | | | 5592 | |
| Sub. 6, Li. 2 | 2 | Li. | 3 | Sc. water. | 0.745 | 9,800 | | | 5593 | |
| Li. | 2 | Li. | 3 | CO. (10) | 0.618 | 8,610 | | | 5594 | |
| Li. | 2 | Li. | 3 | CO. (10) | 0.535 | 7,830 | | | 5595 | |
| Fld. | 2 | Li. | 3 | CaCl. | 0.746 | 10,530 | | | 5596 | |
| Grv. | 2 | Li. | 3 | CaCl. | 0.586 | 9,030 | | | 5597 | |
| App. St. | 4 | App. St. | 3 | Sc. water. | | | | | 5598 | |
| Sub. 6", App. St. | 4 | App. St. | 3 | Sc. water. | | | | | 5599 | |
| Sc. Grv. | 4 | Li. | 2 | Sc. water. | 0.497 | 9,820 | | | 5600 | |
| Li. | 4 | Li. | 2 | Sc. water. | 0.498 | 9,820 | | | 5601 | |
| Li. | 4 | Li. | 2 | Asp. (11) | 0.664 | 11,390 | | | 5602 | |
| S Con. (20) | 5 | Br. (10) | 4 | | 2.768 | 30,570 | | | 5603 | |
| S Con. (e) (16, 20) | 5, 6 | Br. (11, 15) | 4 | | 1.958 | 24,145 | | | 5604 | |
| Sub. | 6 | Li. | 3 | Sc. water. | 0.674 | 12,565 | | | 5605 | |
| S Con. | 6 | Br. | 4 | CT. () | | | | | 5606 | |
| | | F Con. (10, 18) | 7-P | | 1.083 | 14,025 | | | 5607 | |
| | | F Con. (1, 6) | 5-P | | | | | | 5608 | |
| S Con. (1, 6) | 5 | Br. (17) | 4 | | 1.050 | 20,452 | | | 5609 | |
| Sub. | 6 | Grv. | 3 | Asp. | 2.714 | 36,072 | | | 5610 | |
| S Con. | 5 | Br. | 4 | | | | | | 5611 | |
| S Con. | 5 | Bitu. | 2 | | 2.658 | 41,950 | | | 5612 | |
| S Con. | 4 | Br. (on R.R.) | 4 | | | | | | 5613 | |
| S Con. | 5 | F Con. | 7-P | | 1.542 | 31,470 | | | 5614 | |
| | | Bitu. | 2 | | 2.644 | 31,685 | | | 5615 | |
| | | F Con. | 6 | | 1.600 | 21,870 | | | 5616 | |
| | | F Con. | 6-P | | 1.215 | 15,328 | | | 5617 | |
| | | F Con. | 7-P | | 1.225 | 15,280 | | | 5618 | |
| | | F Con. | 7-P | | 1.083 | 15,738 | | | 5619 | |
| | | F Con. | 7-P | | 1.125 | 17,609 | | | 5620 | |
| Li. | 5 | Li. | 3 | Sc. water. | 0.869 | 15,295 | | | 5621 | |
| Sub. | 6 | Slag. | 3 | CaCl. | 0.667 | 10,670 | | | 5622 | |
| Sub. | 6 | App. St. | 3 | Asp. | 1.181 | 16,245 | | | 5623 | |
| Sub. | 6 | F Con. | 6-P | | 1.690 | 21,020 | | | 5624 | |
| Sub. | 6 | App. St. | 3 | Asp. | 0.922 | 14,285 | | | 5625 | |
| Fld. 6, Li. 2 | 6 | Li. | 3 | T (17) | 1.335 | 19,303 | | | 5626 | |
| Sub. | 6 | Sl. | 3 | Sc. water. | 0.812 | 12,465 | | | 5627 | |
| Grv. | 5 | Grv. | 3 | Sc. water. | | | | | 5628 | |
| Sub. | 6 | Li. | 3 | CT. | 0.978 | 13,279 | | | 5629 | |
| Sub. | 6 | Li. | 3 | Asp. | 1.108 | 14,453 | | | 5630 | |
| Sub. | 6 | Gn. | 3 | Asp. | 0.947 | 15,328 | | | 5631 | |
| S Con. | 6 | Br. | 4 | | 2.817 | 32,881 | | | 5632 | |
| Sub. | 6 | Li. | 3 | T. | 0.978 | 14,850 | | | 5633 | |
| Sub. | 6 | F Con. (11) | 6 | | 1.091 | 13,776 | | | 5634 | |
| | | F Con. | 7-P | | 1.282 | 21,061 | | | 5635 | |
| Sub. | 8 | Li. | 3 | Sc. water. | 0.892 | 14,560 | | | 5636 | |
| Sub. | 6 | Li. | 3 | CT. | 0.780 | 13,510 | | | 5637 | |

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

| Highway No. | County | Miles | | Total cost | State's share of total cost | Date of contract | Per cent completed | Date of acceptance | Center-line type mileage | Width of pavement | Width of roadway | Square yards of pavement |
|-------------|-------------|----------|----------------|-------------|-----------------------------|------------------|--------------------|--------------------|--------------------------|-------------------|------------------|--------------------------|
| | | Accepted | Under contract | | | | | | | | | |
| 5624 | Otaego... | 1.04 | | | | 9/25/16 | 100 | 9/19/18 | 1.04 | 15-24 | 27 | 10,846 |
| *5625 | Onon... | | | | | | | | | | | |
| *5626 | Fulton... | | | | | | | | | | | |
| *5627 | Tomp... | | | | | | | | | | | |
| 5628 | Dutchess... | 6.79 | | \$94,200 00 | \$94,200 00 | 11/24/16 | 5 | | 6.79 | 10-16 | 24-28 | 55,198 |
| 5629 | Colum... | 5.03 | | 71,067 91 | 71,367 91 | 2/23/17 | 100 | 9/29/18 | 5.02 | 14 | 36 | 41,272 |
| *5630 | Onon... | | | | | | | | | | | |
| 5631 | Herk... | 0.71 | | 38,059 70 | 9,719 02 | 12/14/16 | 100 | 5/ 3/18 | 0.71 | 16-35 | 26-35 | 11,098 |
| 5632 | Wayne... | 5 85 | | 91,800 00 | 91,800 00 | 10/28/16 | 93 | | 0.57 5.28 | 14 | 28-30 | 43,325 |
| *5633 | Oneida... | | | | | | | | | | | |
| *5634 | Erie... | | | | | | | | | | | |
| *5635 | Erie... | | | | | | | | | | | |
| 5636 | Albany... | 3.93 | | 70,000 00 | 70,000 00 | 11/28/16 | | | 3.93 | 16 | 26 | 33,368 |
| *5637 | Wash... | | | | | | | | | | | |
| 5638 | Oswego... | 5.63 | | | | 2/23/17 | 100 | 12/27/18 | 5.63 | 14 | 28-30 | 46,200 |
| *5639 | Saratoga | | | | | | | | | | | |
| 5640 | Oneida... | 1.27 | | | | 5/ 9/17 | 100 | 9/24/18 | 0.70 0.57 | 16-48 | 26-48 | 13,747 5,343 |

HIGHWAYS BUILT UNDER

| | | | | | | | | | | | | |
|------|---------|------|--|-----------|-----------|----------|-----|----------|--------------|----------------|-------------|-----------------|
| † | Wash. | 0.10 | | 48,867 80 | 48,867 80 | 1/24/13 | | | 0.10 | 16 | Var. | |
| 9100 | Living | 1.18 | | | | | | 5/15/17 | 1.10 | 16 | 22 | 10,331 |
| | | | | | | | | | 0.08 | 12-16 | 32 | 681 |
| 9101 | Albany. | 1.59 | | 45,524 08 | 24,592 10 | 12/14/14 | 100 | 12/19/16 | 1.05 0.54 | 20-25 26-32 | 40 30-36 | 12,671 9,796 |

ROADS PAVED BY COUNTIES AND TAKEN

| | | | | | | | | | | | | |
|------|----------|-------|--|-----------|--|----------|--|------|--------------|-------|-------|------------------|
| 9000 | Rock... | 4.31 | | | | 1907-'08 | | | 4.31 | 16 | | 40,462 |
| 9001 | Niagara. | 4 44 | | 15,202 73 | | | | 1911 | 1.77 0.67 | 14 | 28 | 14,490 5,520 |
| 9002 | Niagara. | 2.75 | | 16,753 96 | | 1911 | | 1911 | 2.75 | 12 | 28 | 19,430 |
| 9003 | Dutchess | 1.46 | | | | | | | 1.46 | 16-40 | 16-40 | |
| 9004 | Dutchess | 0.83 | | 5,000 00 | | 1906 | | | 0.83 | 16 | 18-26 | 7,799 |
| 9005 | Rock... | 7.30 | | | | | | | 7.30 | 12 | | 50,400 |
| 9006 | Rock... | 3.60 | | | | 1906 | | | 3.60 | 12 | | 26,400 |
| 9007 | Franklin | 15.87 | | | | | | | 6 88 8.99 | 12 | 22 | 48,400 53,325 |

HIGHWAYS RECONSTRUCTED

| | | | | | | | | | | | | |
|--------|-----------|------|--|-----------|-----------|----------|-----|----------|--------------|--------|--------|-----------------|
| 2A | Erie.... | 6.48 | | 24,294 57 | 12,147 29 | 8/ 9/00 | 100 | | 6.04 0.44 | 12 | 32 | 42,539 5,104 |
| 2 R2 | Erie.... | 1.80 | | 67,524 66 | 21,783 00 | 6/12/12 | 100 | 7/18/13 | 1.80 | 20, 42 | 32, 42 | 25,296 |
| 7A & B | Albany... | 1.01 | | 8,217 53 | 4,108 77 | 3/27/03 | 100 | | 1.01 | 15 | 28 | 8,862 |
| 27R | Erie.... | 1.16 | | 24,467 30 | 12,233 65 | 10/ 1/09 | 100 | 1/24/12 | 1.16 | 25, 16 | 32, 26 | 10,846 |
| 66R | Erie.... | 0.95 | | 21,494 86 | 10,747 43 | 10/ 1/09 | 100 | 12/21/11 | 0.44 0.51 | 16 | 26 | 4,171 4,790 |
| 67R | Erie.... | 3.41 | | 75,275 49 | 37,637 74 | 10/ 1/09 | 100 | 3/11/12 | 3.41 | 16 | 26 | 32,003 |
| 68R | Erie.... | 1.15 | | 24,967 79 | 12,483 89 | 10/ 1/09 | 100 | 6/30/11 | 1.15 | 16, 25 | 26, 30 | 10,957 |
| 145R | Dela... | 1.00 | | 11,814 87 | 8,861 16 | 5/27/10 | 100 | 6/30/11 | 1.00 | 16 | 26 | 9,389 |
| 731R | Cattar... | 1.23 | | 81,814 13 | 14,030 28 | 3/ 5/14 | 100 | 11/15/17 | 1.23 | 140 | 140 | 28,696 |

* See Appendix B, list by counties.

† Changed from original plans.

‡ Chap. 518 Laws of 1912.

1898 TO DECEMBER 31, 1918 — (Concluded)

| MATERIALS USED IN CONSTRUCTION | | | | | UNIT COSTS | | PRESENT PAVEMENT | | | Highway No. | |
|--------------------------------|-----------|-------------|-----------|-------------|------------|-----------------------------|-----------------------------|-----------------|-------|-------------|---|
| BOTTOM | | TOP | | | Surfacing | Per square yard of pavement | Per mile of 16'-26' highway | Year resurfaced | Miles | | Type |
| Kind | Thickness | Kind | Thickness | Binder | | | | | | | |
| S Con..... | 5 | MM-2.... | 2 | Asp..... | | | | | | | 5624 *5625 *5626 *5627 |
| Sub..... | 6 | App. St.... | 3 | T..... | | 0.905 | 15,169 | | | | 5628 |
| Sub..... | 6 | Lo. St.... | 3 | Asp (10)... | | 0.785 | 15,060 | | | | 5629 *5630 5631 5632 |
| S Con..... | 5 | Bitu..... | 2 | | | 2.483 | 29,790 | | | | |
| | | F Con..... | 6 | | | 1.167 | 16,010 | | | | |
| | | F Con..... | 7-P | | | 1.233 | 16,630 | | | | |
| | | | | | | | | | | | *5633 *5634 *5635 5636 *5637 5638 *5639 5640 |
| | | F Con..... | 6½-P | | | 1.429 | 17,369 | | | | |
| App. St..... | 5 | App. St.... | 3 | Asp..... | | 1.082 | 15,880 | | | | |
| S Con..... | 5 | Bitu..... | 2 | | | 2.574 | 35,060 | | | | |
| | | F Con..... | 7-P | | | 1.389 | 24,040 | | | | |

SPECIAL APPROPRIATIONS

| | | | | | | | | | | | |
|------------------|----------|------|-----------------|--|--|-------|--------|------|------|-------------------|------|
| Rock All..... | Grv..... | 3 av | Sc. water..... | | | | | | | | ? |
| Grv..... | Li..... | 4 | Sc. water..... | | | | | 1917 | 1.18 | 2½" Bit. Mac..... | 9100 |
| St..... | St..... | 3 | Asp..... | | | | | | | | |
| St. Sh., Tr..... | Tr..... | 4 | Sc. water..... | | | 0.849 | 16,142 | | | | 9101 |
| S. Con. (9)..... | Tr..... | 6 | Asp. (10) MM. 2 | | | 1.651 | 23,670 | | | | |

OVER BY STATE FOR MAINTENANCE

| | | | | | | | | | | | |
|---------------|---------------|------|---------------------|----|--|-------|--|------|------|-------------------|------|
| Fld..... | Fld..... | 4 | Sc. water..... | | | 4,500 | | 1912 | 4.31 | 4" Bit. Mac..... | 9000 |
| Li..... | Li..... | 3 | Sc. water..... | | | | | 1916 | 0.85 | 2½" Bit. Mac..... | 9001 |
| Li..... | Li..... | 3 | Sc. water..... | | | | | | | Oiled..... | 9702 |
| Lo..... | Lo..... | 3 | Asp. (10)... | | | 6,200 | | | | | 9703 |
| Li..... | Li..... | 3 | Li.; Sc. water..... | | | | | 1915 | | Oiled..... | 9004 |
| Blue Grt..... | Blue Grt..... | 3-4½ | Sc. water..... | CO | | | | 1913 | 0.83 | Bit. Mac..... | 9705 |
| Fld..... | Fld..... | 5 | Sc. water..... | | | 3,000 | | 1917 | 7.30 | 2½" Bit. Mac..... | 9706 |
| St..... | St..... | 4 | Sc. water..... | | | 300 | | 1915 | 3.60 | Bit. Mac..... | 9707 |
| Grv..... | Grv..... | 7 | Sc. water..... | | | 3,500 | | | | | |
| St..... | St..... | 3 | Sc. water..... | | | 5,000 | | | | | |

WITH CONSTRUCTION MONIES

| | | | | | | | | | | | |
|-----------------------------|------------------|-------|----------------|--|--|--------|--------|--|--|--|---------|
| Old Mac..... | Tr..... | 2 | Sc. water..... | | | 3,740 | | | | | 2A |
| Li..... | Tr..... | 6 | Sc. water..... | | | 13,630 | | | | | |
| S Con..... | Br..... | 4 | | | | 2,108 | 97,580 | | | | 2 R2 |
| ..... | Li..... | 3 | Sc. water..... | | | 0.408 | 8,180 | | | | 7 A & B |
| Grv. Con..... | Br..... | 4 | | | | 1,759 | 18,630 | | | | 27 R |
| Old Mac., S Con | Br..... | 4 | | | | 1,923 | 21,580 | | | | 66 R |
| S Con..... | Br..... | 4 | | | | 2,111 | 23,350 | | | | |
| S Con..... | Br..... | 4 | | | | 1,960 | 20,385 | | | | 67 R |
| S Con..... | Br..... | 4 | | | | 1,947 | | | | | 68 R |
| Sub..... | Tr..... | av 2½ | Asp..... | | | 0.912 | 11,810 | | | | 145 R |
| S Con. (1, 11, 13, 16)..... | Br. (1, 23)..... | 4 | | | | 1.933 | 29,900 | | | | 731 R |

APPENDIX B

TABLE ARRANGED BY COUNTIES

SHOWING

Status of all State and County Highways

**Plans for which have been approved from January 1, 1898,
to December 31, 1918**

[289]

ALBANY COUNTY

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|--------------|----------------------------------|-----------------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 7 ⁵ | 84-A..... | Delaware, Part 1..... | Bethlehem..... | 0.41 | Albany c..... | 0.60 | 1.01 | ..... | ..... |
| 22 ¹ | 95..... | Loudon..... | Colonie..... | 3.06 | Albany c..... | 0.86 | 3.41 | ..... | ..... |
| 41 | 84..... | Delaware, Part 2..... | Bethlehem..... | 2.74 | ..... | ..... | 2.74 | ..... | ..... |
| 92 | 135..... | Delmar-Slingerlands..... | Bethlehem..... | 1.74 | ..... | ..... | 1.74 | ..... | ..... |
| 119 ² | 206..... | Loudon, Part 2..... | Colonie..... | 3.92 | ..... | ..... | 3.92 | ..... | ..... |
| 124 | 207..... | North..... | New Scotland..... | 1.84 | ..... | ..... | 1.84 | ..... | ..... |
| 176 | 96..... | Albany-Schenectady, Part 1..... | Colonie..... | 1.74 | Albany c..... | 0.57 | 2.31 | ..... | ..... |
| 177 | 241, 285.... | Schoharie, Parts 1 and 2..... | Knox..... | 1.80 | ..... | ..... | 5.00 | ..... | ..... |
| 178 | 240-A..... | Delaware, Part 3..... | Guilderland..... | 3.70 | ..... | ..... | 7.38 | ..... | ..... |
| 192 ³ | 320..... | Beaver Dam..... | Bethlehem..... | 1.83 | ..... | ..... | 3.54 | ..... | ..... |
| 193 ⁴ | 243..... | River..... | New Scotland..... | 5.55 | ..... | ..... | 8.11 | ..... | ..... |
| 198 | 240..... | Delaware, Part 4..... | Berne..... | 3.54 | ..... | ..... | 6.52 | ..... | ..... |
| 199 | 240..... | Delaware, Part 5..... | Bethlehem..... | 8.11 | ..... | ..... | 7.88 | ..... | ..... |
| 364 | 388..... | Preston Hollow—Potter Hollow.... | New Scotland..... | 3.27 | ..... | ..... | 3.13 | ..... | ..... |
| | | | Berne..... | 3.25 | ..... | ..... |  |  |  |
| | | | Westerlo..... | 5.43 | ..... | ..... |  |  |  |
| | | | Rensselaersville..... | 2.45 | ..... | ..... |  |  |  |
| | | | Rensselaersville..... | 3.13 | ..... | ..... |  |  |  |

¹ Included in State Route No. 25.

² 2.74 miles included in State Route No. 25.

³ 2.74 miles included in State Route No. 7.

⁴ 0.33 miles included in State Route No. 3.

⁵ Original contract 1.04 miles; 0.03 mile over bridge not constructed under original contract. Built by town. Exclusive of villages.

ALBANY COUNTY—Continued

| Highway No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|---------------|-------------------------------------|--------------|-----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 365 | 391 | Guiderland Center—Guiderland... | Guiderland | 1.90 | ..... | ..... | 1.90 | ..... | ..... |
| 366 ¹ | 394, 395, 398 | New Scotland—Wolf Hill..... | New Scotland | 6.84 | ..... | ..... | 6.84 | ..... | ..... |
| 367 | 712 | Glenmont—Feura Bush..... | Bethlehem | 6.17 | ..... | ..... | ..... | ..... | ..... |
| 385 | 389 | Albany—Schenectady, Part 2..... | New Scotland | 0.60 | ..... | ..... | 6.77 | ..... | ..... |
| 508 | 396 | Selkirk—Coeymans..... | Colonie | 5.14 | ..... | ..... | 5.14 | ..... | ..... |
| 566 ² | 398 | Wolf Hill—Berne..... | Bethlehem | 0.28 | ..... | ..... | 4.77 | ..... | ..... |
| 604 ³ | 390 | Troy—Schenectady, Part 3..... | Coeymans | 4.49 | ..... | ..... | 7.15 | ..... | ..... |
| 630 ³ | 880 | Troy—Schenectady, Part 4..... | Berne | 7.15 | ..... | ..... | 3.88 | ..... | ..... |
| 646 | 397, 1354 | Indian Fields—Dormansville..... | Colonie | 2.24 | ..... | ..... | 2.24 | ..... | ..... |
| 647 ⁴ | 398 | Albany—Slingerlands..... | Coeymans | 2.78 | ..... | ..... | 4.12 | ..... | ..... |
| 755 | 392, 393 | Altamont—Knox..... | Westerlo | 1.34 | ..... | ..... | ..... | ..... | ..... |
| 790 | 1352 | Cohoes City—Boghts Corners..... | Knox | 3.64 | ..... | ..... | 4.25 | ..... | ..... |
| 791 ⁵ | 391, 2498 | Albany—Guiderland..... | Guiderland | 0.61 | ..... | ..... | 2.17 | ..... | ..... |
| 792 ⁶ | 879 | Schenectady Co. Line—Guiderland. | Colonie | 2.17 | ..... | ..... | ..... | ..... | ..... |
| 849 | V-43 | Altamont Village..... | Guiderland | ..... | ..... | ..... | ..... | ..... | ..... |
| 879 ⁹ | 878 | Shakers—Watervliet..... | Guiderland | ..... | Altamont, v.... | 1.10 | 1.10 | ..... | ..... |
| 949 ¹⁰ | 877 | Voorheesville—New Salem..... | Colonie | 6.26 | ..... | ..... | 6.26 | ..... | ..... |
| 949-A | V-104 | Voorheesville—New Salem..... | New Scotland | 2.96 | Voorheesville v. | 0.60 | 3.56 | ..... | ..... |
| 946 ³ | 3021 | Watervliet City: Nineteenth Street. | New Scotland | ..... | Voorheesville v | 0.17 | 0.17 | ..... | ..... |
| 957 | 3020 | Cohoes City: Columbia Street..... | | | Watervliet, c... | 0.46 | 0.46 | | |
| 977 | 2493 | Albany—Watervliet..... | Colonie | 2.45 | Cohoes, c..... | 0.47 | 0.47 | | |

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|--------|-------------------------------|--|--------------------|--------|------------------|-------|--------|-------|
| 978 | 1636..... | East Berne—Clyckman Church..... | Berne..... | 1.72 | | | 4.37 | |
| | | | Knox..... | 2.65 | | | | |
| 979 | 712..... | Feura Bush—Indian Fields..... | New Scotland..... | 4.83 | | | 8.27 | |
| | | | Coeymans..... | 3.44 | ..... | ..... | ..... | ..... |
| 1105 | V-217..... | Albany City: Central Avenue..... | ..... | ..... | 0.75 | ..... | 0.75 | ..... |
| 1146 | V-216, 3417. | Watervliet City: Third Avenue..... | Watervliet, e..... | 0.18 | ..... | ..... | 0.18 | ..... |
| 1184 | 1830..... | Elmure—Bethlehem Center..... | Bethlehem..... | 1.77 | ..... | ..... | 1.77 | ..... |
| 1198 * | 3462, 2497.. | Albany—Glennont..... | Bethlehem..... | 1.25 | ..... | ..... | 1.25 | ..... |
| 1199 | V-232, 3498. | Coboes, City: Vliet Avenue..... | Coboes, e..... | 1.03 | ..... | ..... | 1.03 | ..... |
| 1220 | 1354..... | Coeymans—Indian Fields, Part 2..... | Coeymans..... | 6.69 | ..... | ..... | 6.69 | ..... |
| 1229 | 393..... | Knox—Berne..... | Knox..... | 2.80 | ..... | ..... | 2.80 | ..... |
| 1279 † | { 875, 3530, 3534, V-339 } | Dunnsville—Altamont..... | Guiderland..... | 2.62 | Altamont, v..... | 0.78 | 3.40 | ..... |
| 1280 | 1354..... | Dormansville — Westerlo — Ford Corners..... | Westerlo..... | 5.76 | ..... | ..... | 5.76 | ..... |
| 1371 | 3531..... | Watervliet—Coboes..... | Colonie..... | 0.88 | ..... | ..... | 0.88 | ..... |
| 1372 | 3533, 2492.. | Osborn Cor.—Schenectady Co. Line..... | Guiderland..... | 3.23 | ..... | ..... | 3.23 | ..... |
| 1372-A | 3533..... | Osborn Cor.—Schenectady Co. Line..... | Guiderland..... | 0.12 | ..... | ..... | 0.12 | ..... |
| 1404 | 3709..... | Dormansville—South Westerlo..... | Westerlo..... | 5.62 | ..... | ..... | 5.62 | ..... |
| 1405 | 2495..... | Thompeans Lake—Van Anken Cor..... | Berne..... | 0.81 | ..... | ..... | 2.93 | ..... |
| | | | Knox..... | 2.12 | ..... | ..... | ..... | ..... |
| 1468 | 1354, V-381. | Coeymans—Indian Fields, Part 1..... | Coeymans..... | 0.52 | Ravena, v..... | 0.93 | ..... | 1.45 |
| | | | Towns..... | 164.73 | | | 164.21 | 0.52 |
| | | | Villages..... | | | 3.58 | 2.65 | 0.93 |
| | | | Cities..... | | | 4.42 | 4.42 | |
| | | | Totals..... | 164.73 | | 8.00 | 171.28 | 1.45 |

Totals.....

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ALBANY COUNTY—Concluded

STATE HIGHWAYS.

| High-way No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-----------|---------|---------------------------------------|-----------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5010 | 7 | 8 | Slingerlands—New Scotland..... | Bethlehem..... | 0.98 | ..... | ..... | 1.98 | ..... | ..... |
| 5039 ¹ | 7 | 1 | West Berne—Gallupville..... | New Scotland..... | 1.00 | ..... | ..... | 0.04 | ..... | ..... |
| 5155 ² | 6 | 1 | Albany—Guilderland..... | Knox..... | 0.04 | ..... | ..... | ..... | ..... | ..... |
| | | | | Guilderland..... | ..... | Albany, c..... | 0.05 | 5.37 | ..... | ..... |
| 5237 | 7 | 9, 10 | Slingerlands—Albany..... | Bethlehem..... | 5.32 | ..... | ..... | ..... | ..... | ..... |
| | | | | Bethlehem..... | 3.32 | Albany, c..... | 0.91 | 4.23 | ..... | ..... |
| 5499 | 3 | 6 | Albany—Bethlehem..... | Bethlehem..... | ..... | Albany, c..... | 0.18 | 2.38 | ..... | ..... |
| 5510 | 7 | 4 | East Berne—New Salem, Part 1.... | Berne..... | 2.20 | ..... | ..... | ..... | ..... | ..... |
| 5555 | 25 | 2, 3 | Loudon—Crescent..... | Colonie..... | 2.86 | ..... | ..... | 2.86 | ..... | ..... |
| 5614 | 25 | 1 | Loudon—Crescent, Part 2..... | Colonie..... | 4.19 | ..... | ..... | 4.19 | ..... | ..... |
| 5636 | 6 | 2 | Schenectady Co. Line—Guilderland..... | Colonie..... | 0.10 | ..... | ..... | 0.10 | ..... | ..... |
| | | | | Guilderland..... | 3.93 | ..... | ..... | ..... | 3.93 | ..... |
| | | | | Towns..... | 24.54 | ..... | ..... | ..... | ..... | ..... |
| | | | | Villages..... | ..... | ..... | ..... | 20.61 | 3.93 | ..... |
| | | | | Cities..... | ..... | ..... | 1.14 | 1.14 | ..... | ..... |
| | | | | Totals..... | 24.54 | ..... | 1.14 | 21.75 | 3.93 | ..... |
| | | | | | | | | | | |
| | | | | The Southern Boulevard..... | ..... | Albany, c..... | 1.15 | 1.59 | ..... | ..... |
| | | | | Bethlehem..... | 0.44 | ..... | ..... | ..... | ..... | ..... |

SPECIAL HIGHWAYS.

9101

| | | | | | |
|-------------|-------|-------|-------|------|-------|
| Towns..... | 0.44 | ..... | ..... | 0.44 | ..... |
| Cities..... | ..... | ..... | ..... | 1.15 | 1.15 |
| Totals..... | 0.44 | ..... | ..... | 1.15 | 1.59 |

ALLEGANY COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | |
|-------------------|--|--|--------------------|-------|-------|
| 801 | 1581..... | East Rushford—Gordonville Bridge. | Rushford. | 4.64 | ..... |
| 945 | 1586..... | Wellsville—Hallsport..... | Wellsville, v..... | 0.40 | ..... |
| 964 | 1570, 1591.. | Friendship—Bolivar, Part 1..... | Friendship, v.. | 0.54 | ..... |
| 965 ⁴ | 1563, 2889.. | Obi—Cuba..... | Clarksville..... | 3.88 | ..... |
| 965-A | 1577..... | Fillmore—Hume..... | Cuba, v..... | 0.46 | ..... |
| 1091 ³ | 1591, 1592, V-330, V-331 | Friendship—Bolivar, Part 2..... | Hume..... | ..... | ..... |
| 1246 | 3035..... | Belfast—Transit Bridge..... | Wirt..... | 2.43 | ..... |
| 1259 | 1542, 1546, 1548, 1549, 3075, V— | Belvidere—Transit Bridge—Angelica..... | Bolivar..... | 1.83 | ..... |
| 1322 | 1572..... | Genesee—Portville..... | Bolivar, v..... | 1.26 | ..... |
| | | | Belfast..... | 3.99 | ..... |
| | | | Amity..... | 0.50 | ..... |
| | | | Belfast..... | 0.06 | ..... |
| | | | Angelica..... | 6.16 | ..... |
| | | | Genesee..... | 7.29 | ..... |

¹ Part in Schoharie county. Total length 3.98 miles.

² Original contract forfeited.

³ Constructed as State Highway No. 5518 on Route No. 16.

⁴ Original contract accepted. All but 0.39 mile in Cuba village resurfaced under No. 965-A.

⁵ Exclusive of villages.

| | | | | | | | | |
|----------|---|--------|------------------------------------|--|----------------------|-----------------------|-------|-------|
| 5312-B * | 4 | 12 | Cube—Friendship..... | Friendship..... | 0.14 | Friendship, v... 0.08 | 0.17 | ..... |
| 5341 | 4 | 10, 11 | Friendship—Belmont..... | { Friendship..... Amity..... | 3.75 3.05 | ..... | 6.80 | ..... |
| 5419 | { 4 Pet. V-1089 4 9 Pet. V-1154 } | 5 | Andover Village..... | Andover..... | ..... | Andover, v.... 1.51 | 1.51 | ..... |
| 5476 | | | Belmont—Scio..... | Amity..... | 3.24 | Belmont, v.... 1.42 | 4.66 | ..... |
| 5481 | 4 | 6 | Wellsville—Andover..... | { Wellsville..... Andover..... | 4.32 2.90 | ..... | 7.22 | ..... |
| 5483 | 4 | 7 | Wellsville Village..... | Wellsville..... | ..... | Wellsville, v... 0.76 | 0.76 | ..... |
| 5502 | 4 | 1—4 | Andover—Alfred Station—Almond..... | { Andover..... Alfred..... | 2.01 3.17 | ..... | 12.06 | ..... |
| 5518 | 16 | 11, 12 | Canadesa—Fillmore—Hume..... | Hume..... | 4.75 | ..... | 4.75 | ..... |
| 5532 * | 15 | 1 | Arkport—Van Sooters Corners..... | Burns..... | 2.58 | ..... | 2.58 | ..... |
| 5615 | 16 | 7-10 | Belfast—Canadesa..... | { Belfast..... Canadesa..... Hume..... | 0.77 7.94 0.36 | ..... | 9.07 | ..... |
| <hr/> | | | | | | | | |
| | | | | Towns..... | 60.17 | ..... | 51.10 | 9.07 |
| | | | | Villages..... | ..... | ..... | 7.23 | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 60.17 | ..... | 58.33 | 9.07 |

* Part in Cattaraugus county. Original plans 4.65 miles. Change in alignment changed length to 4.68 miles.

* Original contract 6.10 miles. 4.78 miles cancelled and re-let as No. 5312-A. 0.17 mile omitted and built as 5312-B.

* Grade crossing elimination.

* Total length 6.25 miles. Part in Steuben county.

* Exclusive of villages.

BROOME COUNTY

| Highway No. | County Highways. Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|------------------|----------------------------------|---------------------------------|----------------------------|----------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 47 ¹ | 134, 142... | Chenango River... | { Chenango Dickinson | 0.06 1.70 | ..... | ..... | 1.76 | ..... |
| 123 ² | 148, 369... | Lestershire..... | Union..... | 2.93 | ..... | ..... | 2.93 | ..... |
| 126 ¹ | 149..... | Town Line Extension..... | Chenango..... | 1.95 | ..... | ..... | 1.95 | ..... |
| 127 ² | 200..... | Park Bridge..... | Kirkwood..... | 2.06 | ..... | ..... | 2.06 | ..... |
| 134 ² | 160..... | Fenton..... | Fenton..... | 2.17 | ..... | ..... | 2.17 | ..... |
| 174 ² | 268..... | Endicott..... | Union..... | 1.22 | ..... | ..... | 2.17 | ..... |
| 175 ² | 316..... | Chenango Towpath..... | Fenton..... | 1.84 | Endicott, V.... | 0.95 | 1.84 | ..... |
| 209 ² | 313..... | Nineveh..... | Coleville..... | 0.93 | ..... | ..... | 0.93 | ..... |
| 210 ⁴ | 314..... | Harpurville..... | Coleville..... | 0.83 | ..... | ..... | 0.83 | ..... |
| 211 | 312..... | Center Village..... | Coleville..... | 0.57 | ..... | ..... | 0.57 | ..... |
| 212 | 315..... | Ouaquaga..... | Coleville..... | 1.00 | ..... | ..... | 1.00 | ..... |
| 213 | 356..... | River Road—Windsor, Part 2..... | Windsor..... | 2.83 | ..... | ..... | 2.83 | ..... |
| 214 | 355..... | River Road—Windsor, Part 1..... | Windsor..... | 1.86 | ..... | ..... | 1.86 | ..... |
| 265 ² | 317..... | Deposit..... | Sanford..... | 2.78 | ..... | ..... | 2.78 | ..... |
| 266 ² | 346..... | Tunnel..... | Coleville..... | 1.67 | ..... | ..... | 1.67 | ..... |
| 267 ² | 276, 357... | Castle Creek..... | Chenango..... | 5.84 | ..... | ..... | 5.84 | ..... |
| 268 ⁷ | 267..... | Bridge..... | Chenango..... | 1.00 | ..... | ..... | 1.00 | ..... |
| 274 ² | 318..... | Gulf Bridge..... | Chenango..... | 1.75 | ..... | ..... | 1.75 | ..... |
| 275 | 351..... | Union—Maine..... | Union..... | 3.00 | ..... | ..... | 3.00 | ..... |
| 374 | 359, 361... | Maine..... | { Union..... Maine..... | 0.62 2.74 | ..... | ..... | 3.36 | ..... |
| 375 ¹ | 471..... | Barker..... | Barker..... | 0.62 | ..... | ..... | 0.62 | ..... |
| 420 ² | 364, 462... | Vestal..... | Vestal..... | 3.64 | ..... | ..... | 3.64 | ..... |
| 421 | 353, 354, 366 | Conklin..... | Conklin..... | 7.82 | ..... | ..... | 7.82 | ..... |

| | | | | | | | | |
|------|--------------|---------------------------------------|-------------------|--------|------------------|-------|-------|-------|
| 444* | 362..... | Riverside Drive..... | Union..... | 1.14 | ..... | ..... | 1.14 | ..... |
| 445 | 463..... | Lisle—Center Lisle..... | Lisle..... | 2.71 | ..... | ..... | 2.71 | ..... |
| 834 | 350, 363... | Kirkwood—River..... | Kirkwood..... | 7.50 | ..... | ..... | 7.50 | ..... |
| 858 | 472..... | Whitney Point—Upper Lisle..... | Triangle..... | 4.24 | ..... | ..... | 4.24 | ..... |
| 902 | 370, 371... | Glen Aubrey—Whitney Point..... | Nanticoke..... | 5.29 | ..... | ..... | 5.29 | ..... |
| 983 | 552..... | Port Crane—North Fenton..... | Fenton..... | 6.02 | ..... | ..... | 6.02 | ..... |
| 1106 | 570..... | Harpurville—Ousquaga..... | Coleville..... | 5.11 | ..... | ..... | 5.11 | ..... |
| 1161 | V-302, 3320 | Leesterville Village: Main Street.... | Union..... | ..... | Johnson City, v. | 0.41 | 0.41 | ..... |
| 1238 | V-238, 3316 | Union Vill.: Main and Nanticoke Sts | Union..... | ..... | Union, v..... | 1.03 | 1.03 | ..... |
| 1239 | V-240, 3317, | | | | | | | |
| | 3318..... | Windor Village: Main Street..... | Windor..... | ..... | Windor, v..... | 0.68 | 0.68 | ..... |
| 1240 | 3186..... | Binghamton City: Conklin Avenue. | { Binghamton..... | ..... | Binghamton, e. | 0.87 | 0.87 | ..... |
| 1241 | 2259..... | Chenango Forks—North Fenton.... | Fenton..... | 0.04 | ..... | ..... | ..... | ..... |
| 1449 | 2250, 2921.. | Maine—Glen Aubrey..... | Maine..... | 2.30 | ..... | ..... | 2.30 | ..... |
| 1450 | 3650..... | Castle Creek—Whitney Point..... | Barker..... | 5.35 | ..... | ..... | 5.35 | ..... |
| | | | Dickinson..... | 6.93 | ..... | ..... | 6.93 | ..... |
| 1451 | 2253, 3099.. | Stella—New Ireland..... | { Union..... | 1.51 | ..... | ..... | ..... | 4.70 |
| | | | Maine..... | 1.32 | ..... | ..... | ..... | ..... |
| 1486 | V-358, 3648 | Whitney Point—Lisle..... | Triangle..... | 0.43 | Whitney Pt., v. | 1.32 | 2.78 | ..... |
| 1487 | 353, 3649... | Chenango Bridge—Kattelville..... | Lisle..... | 1.03 | ..... | ..... | ..... | ..... |
| | | | Chenango..... | 4.08 | ..... | ..... | 4.08 | ..... |
| | | | Towns..... | 110.30 | ..... | ..... | 93.32 | 16.98 |
| | | | Villages..... | ..... | ..... | 4.39 | 4.39 | ..... |
| | | | Cities..... | ..... | ..... | 0.87 | 0.87 | ..... |
| | | | Totals..... | 110.30 | ..... | 5.26 | 98.53 | 16.98 |

* Included in State Route No. 8.

* Included in State Route No. 4.

* Included in State Route No. 7.

* 4.070 mile included in State Route No. 7.

* 0.83 mile included in State Route No. 7.

* Included in State Route No. 4-A.

* Original contract 6.00 miles, reduced

through change of alignment.

* 0.80 mile included in State Route No. 8.

* 2.55 miles included in State Route No. 4.

* 0.12 mile on State Route No. 8.

* Exclusive of villages.

BROOME COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|----------------------|---------|---|--------------------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5022 | 4 | 8 | Binghamton—Windsor, Part 1..... | { Kirkwood Windsor } | 2.84 0.17 | ..... | ..... | 3.01 | ..... | ..... |
| 5148 | 4 | 7 | Binghamton—Windsor, Part 3..... | Windsor | 3.68 | ..... | ..... | 3.68 | ..... | ..... |
| 5200 ¹ | 7 | 14 | Nineveh—Afton..... | Colesville | 0.43 | ..... | ..... | 0.43 | ..... | ..... |
| 5215 ² | 4 | 17 | Owego—Binghamton..... | Vestal | 0.77 | ..... | ..... | 0.77 | ..... | ..... |
| 5241 ³ | 4 | 6 | Binghamton—Windsor, Part 4..... | Windsor | 3.15 | ..... | ..... | 3.15 | ..... | ..... |
| 5241-A | | | | | | | | | | |
| 5242 ⁴ | 7 | 8, 10 | Port Crane—Sanitaria Springs..... | { Fenton Colesville } | 2.64 0.62 | ..... | ..... | 3.26 | ..... | ..... |
| 5243 | | | | | | | | | | |
| 5243-A | * | 7 | 11, 12 Sanitaria Springs—Harpurville.... | Colesville | 8.82 | ..... | ..... | 8.82 | ..... | ..... |
| 5243-B | | | | | | | | | | |
| 5338 ⁵ | 4 | 1, 3-5 | Windsor—Deposit..... | { Windsor Sanford } | 5.68 5.19 | Windsor, v..... | 1.63 | 13.30 | ..... | ..... |
| 5338-A | Pet. V-1079 | | | | | Deposit, v..... | 0.85 | | | |
| 5339 | 4 | 10 | Binghamton City: Court Street..... | ..... | ..... | Binghamton, e | 1.05 | 1.05 | ..... | ..... |
| 5377 ⁷ | 4 | 12, 14 | Riverside Drive—Binghamton..... | { Union } | 0.25 | Johnson City, v | 0.17 | 1.66 | ..... | 0.25 |
| | | | | | | Binghamton, e | 1.49 | | | |
| 5380 | { 4 Pet. V-1156 } | 9 | Binghamton City: State Hospital.... | ..... | ..... | Binghamton, e | 0.83 | 0.83 | ..... | ..... |
| 5412 ⁸ | 4 | 16 | Union Vill.: Main and Bridge Sta. | Union | ..... | Union, v..... | 0.28 | 0.28 | ..... | ..... |
| 5413 | 8 | 2 | Binghamton City: Front Street..... | ..... | ..... | Binghamton, e | 0.82 | 0.82 | ..... | ..... |
| 5440 | { 7 Pet. V-1190 } | 5 | Binghamton City: North Chenango Street..... | ..... | ..... | Binghamton, e | 0.41 | 0.41 | ..... | ..... |

| | | | | | | | | |
|------|----------------------|---|-----------------|------------------|-------|-------|------|------|
| 5506 | { 7 Pet. V-1003 } | Port Dickinson Village: North Che- nango Street..... | Dickinson | Pt. Dickinson, v | 1.27 | 1.27 | .... | .... |
| | | Towns..... | 34.19 | ..... | ..... | 33.94 | .... | 0.25 |
| | | Villages..... | ..... | ..... | 4.20 | 4.20 | .... | .... |
| | | Cities..... | ..... | ..... | 4.60 | 4.60 | .... | .... |
| | | Totals..... | 34.19 | ..... | 8.80 | 42.74 | .... | 0.25 |

CATTARAUGUS COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | | | | |
|-------------------|-----------------|------------------------------|------------------------------|-------|------------------|-------|------|------|
| 601* | 1727, 1728.. | Olean—Allegany..... | { Allegany..... | ..... | Olean, o..... | 0.78 | 3.09 | .... |
| 695 ¹¹ | 2231..... | Otto—Cattaraugus..... | New Albion..... | 1.20 | ..... | 1.06 | 1.20 | .... |
| 696 ¹⁰ | 2230..... | Otto—East Otto, Part 1..... | Otto..... | 4.04 | ..... | ..... | 4.04 | .... |
| 697 ¹¹ | 2229..... | Otto—East Otto, Part 2..... | East Otto..... | 2.27 | ..... | ..... | 2.27 | .... |
| 730 | 1725..... | Portville—Olean, Part 1..... | Portville..... | 3.44 | ..... | ..... | 3.44 | .... |
| 731 | 1726..... | Portville—Olean, Part 2..... | { Olean..... | ..... | Olean, o..... | 1.23 | 2.05 | .... |
| 872 | V-34, 1725.. | Portville Village..... | Portville..... | 0.82 | ..... | ..... | 0.84 | .... |
| 958 ¹² | 789..... | Gowanda—Dayton..... | { Persia..... Dayton..... | 1.52 | Portville, v.... | 0.64 | 4.27 | .... |

* Part in Chenango county. Total length 5.61 miles. * Part in Tioga county. Total length 10.72 miles. * Original contract forfeited. Relet as No. 5241-A.
 † Original contract forfeited. Completed by department forces. † Original contract (3.99 miles) forfeited. 4.56 miles built as 5243-A and 4.05 as 5243-B.
 ‡ Total length 13.69 miles, part in Delaware county. 13.30 miles in Broome of which 2.93 miles in Sanford and 0.85 mile in Deposit village were cancelled and relet
 as part of No. 5338-A. † Original contract 1.91 miles. 0.25 mile in the town of Union omitted from construction. * Original contract cancelled before work started
 as part of State Route No. 4. ‡ Original contract 4.10 miles, of which 4.04 miles were built, \$20,500 were appropriated from first fifty million. † 2,383.66
 special appropriation. ‡ \$20,000 special appropriation. ‡ to complete Nos. 695 and 697. ‡ Accounts on the contract not closed pending court decision. * Exclusive
 of villages.

CATTARAUGUS COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|--|--------------------------------------|--------------------|---------------|-----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 959 | 2785..... | Randolph—Rutledge, Part 2..... | Conewango..... | 3.86 | ..... | ..... | 3.86 | ..... | ..... |
| 960 | 2784..... | Rutledge—Leon, Part 2..... | Leon..... | 2.80 | ..... | ..... | 2.80 | ..... | ..... |
| 1024 | V-166, 2993. | Gowanda Village..... | Paris..... | ..... | Gowanda, v..... | 0.77 | 0.77 | ..... | ..... |
| 1170 | 3204..... | Yorkshire Hamlet: Main Street..... | Yorkshire..... | 0.44 | ..... | ..... | 0.44 | ..... | ..... |
| 1254 | 2968, 3027.. | Rutledge—Leon, Part 1..... | Conewango..... | 2.97 | ..... | ..... | ..... | 4.43 | ..... |
| | | | Leon..... | 1.46 | ..... | ..... | ..... | ..... | ..... |
| 1269 | { 1732, 1733, 3090..... } | Little Valley—Cattaraugus, Part 1.. | Little Valley..... | 0.67 | Little Valley, v..... | 0.73 | 5.62 | ..... | ..... |
| | { 3581..... } | | Mansfield..... | 0.18 | ..... | ..... | ..... | ..... | ..... |
| 1275 | { 2278, V-346. } | Little Valley—Cattaraugus, Part 2.. | New Albion..... | 4.04 | ..... | ..... | ..... | ..... | ..... |
| | | | New Albion..... | 2.26 | Cattaraugus, v..... | 1.69 | 3.95 | ..... | ..... |
| 1305 | 3203, 3704.. | Salamanca—Ellicottville, Part 1..... | Great Valley..... | 4.39 | ..... | ..... | 5.38 | ..... | ..... |
| 1479 | 1754..... | Arcade—Farmersville, Part 2..... | Freedom..... | 4.15 | Salamanca, c..... | 0.99 | ..... | ..... | 4.15 |
| 1480 | 3675..... | Leon—Wesley, Part 1..... | Leon..... | 3.00 | ..... | ..... | ..... | ..... | 3.00 |
| 1509 | { 3203, 2226 V-376, 3728 2227..... } | Salamanca — Ellicottville, Part 2.. | Great Valley..... | 3.25 | ..... | ..... | ..... | ..... | ..... |
| | | | Ellicottville..... | 1.51 | Ellicottville, v.. | 0.92 | ..... | ..... | 5.68 |
| | | Towns..... | 52.27 | ..... | ..... | ..... | 35.93 | 4.43 | 11.91 |
| | | Villages..... | ..... | ..... | ..... | 5.81 | 4.89 | ..... | 0.92 |
| | | Cities..... | ..... | ..... | ..... | 3.00 | 3.00 | ..... | ..... |
| | | Totals..... | 52.27 | ..... | ..... | 8.81 | 43.82 | 4.43 | 12.83 |

STATE HIGHWAY 8.

| Route No. | Section | Distance | Rate |
|-------------------|-------------|-------------------------------------|------------------|
| 5066 | 4 4 | Olean—Hinsdale, Part 1..... | 2.94 |
| | 5 | Olean..... | 2.94 |
| 5099 | Pet. V-1019 | Olean City..... | 0.36 |
| 5137 | 4 1-3 | Olean—Hinsdale—Cuba..... | 8.46 |
| | | Hinsdale..... | 0.31 |
| 5174 ¹ | 4 1 | Cuba—Friendship..... | 0.12 |
| 5258 ² | 4 15 | Little Valley—Randolph, Part 3..... | 0.38 |
| 5258-A | Pet. V-1070 | Cold Spring..... | 0.04 |
| | | Napoli..... | 0.10 |
| | | Conewango..... | 1.09 |
| | | Randolph..... | 2.00 |
| 5259 ³ | 4 12 | Salamanca—Little Valley, Part 2.. | 5.28 |
| 5259-A | Pet. V-1066 | Little Valley..... | 1.55 |
| 5264 | 4 7 | Allegany—Vandalia..... | 4.30 |
| 5265 ⁴ | 4 10, 11 | Salamanca—Little Valley, Part 1... | 0.15 |
| 5265-A | Pet. V-1084 | Great Valley..... | 4.30 |
| | 4 6 | Salamanca, o..... | 4.15 |
| 5405 ⁵ | Pet. V-1189 | Allegany Village: Main Street..... | Allegany, v..... |
| 5418 ⁶ | 4 9 | Carrollton—Killbuck..... | 2.78 |
| | | Carrollton..... | 1.63 |
| 5430 ⁷ | 4 8 | Vandalia—Carrollton..... | 0.14 |
| | | Carrollton..... | 0.47 |
| | | Carrollton..... | 3.27 |

Total length 4.68 miles. Part in Allegany county.

¹ Total length 4.68 miles. Part in Allegany county.
² 0.38 mile in Cold Spring, 0.04 mile in Napoli, 0.10 mile in Conewango and East Randolph village, .83 miles in Randolph (of which 1.09 miles were in East Randolph village and 0.60 mile in Randolph village) cancelled and relet as No. 5258-A.
³ 4.14 miles in Little Valley township and 0.15 mile in village cancelled and relet as No. 5259-A.

• **4.14 miles** in Little Vaney township and 0.10 mile in village concerned and relet as NO. 5255-A.

• **0.93 mile** in Salamancas cancelled and relet as No. 5265-A.

• **2.74 miles** in Allegany Indian Reservation, cancelled and relet as NO. 5255-A.

• **All in Allegany Indian Reservation.**

- **Plans** call for 0.61 mile, which was originally built as No. 601.

* Exclusive of villages.

CATTARAUGUS COUNTY — Concluded

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|---------------------------------|----------------------------------|--------------------------------|-----------------------------|-------------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | | |
| 5543 | 17 | 1, 2 | Hinsdale—Franklinville, Part 1 | { Hinsdale { Iechua | 1.09 5.89 | ..... | ..... | ..... | 6.98 | ..... |
| 5544 | { 17 { 3, 4 { Pet. V-1198 | { Hinsdale—Franklinville, Part 2 | Franklinville | 5.53 | Franklinville, v. | 1.35 | ..... | ..... | 6.88 | ..... |
| 5607 | 17 | 5, 6 | Franklinville—Machias | { Farmersville { Machias | 1.84 2.89 | ..... | ..... | ..... | 4.73 | ..... |
| 5608 | 17 | 7 | Machias—Delavan, Part 1 | Machias | 2.17 | ..... | ..... | ..... | 2.17 | ..... |
| Totals | | | | Towns | 52.81 | ..... | ..... | 33.40 | 19.41 | ..... |
| | | | | Villages | ..... | ..... | 6.29 | 4.94 | 1.35 | ..... |
| | | | | Cities | ..... | ..... | 4.51 | 4.51 | ..... | ..... |
| Totals | | | | Totals | 52.81 | ..... | 10.80 | 42.85 | 20.76 | ..... |

CAYUGA COUNTY

COUNTY HIGHWAYS.

Petition No.

| | | | | | | | |
|------------------|------------|-----------------------------|-----------------------|--------------|-------|-------|-------|
| 383 | 126 | Owasco | Owasco | 2.19 | ..... | 2.19 | ..... |
| 384 | 519, 574 | Fleming | Fleming | 3.17 | ..... | 3.17 | ..... |
| 590 ¹ | 1181, 1460 | Auburn—Seneca Falls, Part 1 | Aurelius | 7.96 | ..... | 7.96 | ..... |
| 591 | 1162, 1470 | Moravia—Niles | { Niles { Moravia | 5.33 5.52 | ..... | 10.85 | ..... |
| 592 ² | 1198, 1459 | Auburn—Elbridge | { Sennett { Brutus | 4.91 0.66 | ..... | 5.57 | ..... |

| | | | | | | | | |
|-------|-----------------------------------|--------------------------------------|-----------------|-------|-------------------|-------|-------|-------|
| 614 | 1161, 1461.. | Auburn—Owasco..... | Owasco..... | 6.07 | ..... | ..... | 6.07 | ..... |
| 684 | 1199, 1200.. | Cato—Meridian—Baldwinsville, Pt. 1 { | Ira..... | 1.18 | ..... | ..... | 4.39 | ..... |
| 686 * | 1288, 1482.. | Sterling—Owego County Line..... | Cato..... | 3.21 | ..... | ..... | 4.86 | ..... |
| 686 * | { 1189, 1194, } V-22..... | Woodsport—Cato..... | Sterling..... | 4.86 | ..... | ..... | ..... | ..... |
| | | | Brutus..... | 0.98 | ..... | ..... | ..... | ..... |
| | | | Cato..... | 6.51 | Cato, v..... | 0.50 | 8.59 | ..... |
| | | | Ira..... | ..... | Cato, v..... | 0.60 | ..... | ..... |
| 686-A | 1189, 1194.. | Woodsport—Cato..... | Brutus..... | 0.06 | ..... | ..... | 0.12 | ..... |
| 687 | 1482, 1483.. | Fairhaven—Sterling—Martville..... | Cato..... | 0.06 | ..... | ..... | 5.30 | ..... |
| 687-A | 1482..... | Fairhaven—Sterling—Martville..... | Sterling..... | 5.30 | ..... | ..... | 0.17 | ..... |
| 752 | { 1463, 2449, } 2440, 1464.. | Auburn—Wyckoff..... | Sterling..... | 0.12 | Fairhaven, v..... | 0.05 | 2.75 | ..... |
| 753 | 1186..... | Fleming—Scipio..... | Owasco..... | 0.11 | ..... | ..... | ..... | ..... |
| 852 | V-13..... | Meridian Village..... | Fleming..... | 2.64 | ..... | ..... | 1.41 | ..... |
| 1016 | { 1473, 2254, } 3080..... | Groton—Locke—Moravia..... | Fleming..... | 1.41 | ..... | ..... | 0.81 | ..... |
| | | | Cato..... | ..... | Meridian, v..... | 0.81 | 7.79 | ..... |
| 1173 | { 3153, 3362, } V-231, V-274 } | Auburn—Union Springs..... | Locke..... | 6.07 | ..... | ..... | ..... | ..... |
| | | | Moravia..... | 0.50 | Moravia, v..... | 1.22 | 9.62 | ..... |
| | | | Aurelius..... | 4.26 | Auburn, c..... | 0.13 | ..... | ..... |
| | | | Springport..... | 3.97 | Union Springs, v | 1.26 | ..... | ..... |
| | | | Victory..... | 4.14 | ..... | ..... | 5.51 | ..... |
| 1174 | 3161..... | Victory—Cato..... | Conquest..... | 0.33 | ..... | ..... | ..... | ..... |
| | | | Ira..... | 0.52 | ..... | ..... | ..... | ..... |
| | | | Cato..... | 0.01 | Cato, v..... | 0.51 | ..... | ..... |

* Included in State Route No. 6.
 * Original contract 4.88 miles; 4.87 miles constructed.
 * Original contract 5.61 miles; 5.43 miles constructed under original contract. Balance completed under division engineer. Included in State Route No. 6.
 * Original contract 8.72 miles; 8.60 miles constructed, of which 0.01 mile in Cato was reconstructed under 686-A.
 * Exclusive of villages.

CAYUGA COUNTY — Concluded

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|---------------------------------|------------------------------------|---|---|---|---|-----------------|--------------------------|--------------------------------------|
| 1175 | 2883, V-270 | Fairhaven Village..... | Sterling..... | 0.42 | Fairhaven, V.. | 1.40 | 1.82 | .... | .... |
| 1317 : | { 1194, 2727, V-334, V-343 } | Auburn—Weedsport..... | { Sennett..... Brutus..... Scipio..... Venice..... | { 4.08 2.11 6.06 5.45 | { Auburn, c..... Weedsport, v.. | { 0.74 1.07 ..... ..... | .... | 8.00 | .... |
| 1327 | 1187..... | Fleming—Scipio, Part 2 | Scipio..... | 6.06 | ..... | .... | .... | 6.06 | .... |
| 1414 | 1478 | Venice Center—Genoa..... | Venice..... | 5.45 | ..... | .... | .... | 5.45 | .... |
| | | | Towns..... | 100.17 | ..... | .... | 82.47 | 17.70 | .... |
| | | | Villages..... | ..... | ..... | 7.42 | 6.35 | 1.07 | .... |
| | | | Cities..... | ..... | ..... | 0.87 | 0.13 | 0.74 | .... |
| | | | Totals..... | 100.17 | ..... | 8.29 | 88.95 | 19.51 | .... |
| 5012 | 11 | 7 Fleming—Auburn..... | Fleming..... | 2.75 | ..... | .... | 2.75 | .... | .... |
| 5042 ¹ | 6 | 7 Auburn—Seneca Falls, Part 2..... | Montezuma..... | 0.34 | ..... | .... | 0.34 | .... | .... |
| 5042C-A | 6 | 7 Auburn—Seneca Falls, Part 2..... | Montezuma..... | 0.07 | ..... | .... | .... | .... | 0.07 |
| 5101 | { 6 11 8 Pet. V-1035 } | { Auburn City..... | { Auburn, c..... | { | { | { 2.03 | 2.03 | .... | .... |
| 5244 | 11 | 4-6 Poplar Ridge—Fleming..... | { Venice..... Scipio..... Fleming..... | { 1.74 6.08 3.70 | { | { | 11.52 | .... | .... |

| | | | | | | | | | |
|-------|----|------|------------------------------|----------------|-------|----------------|-------|-------|-------|
| 5525 | 11 | 2, 3 | King Ferry—Poplar Ridge..... | Ledyard..... | 1.09 | ..... | ..... | ..... | ..... |
| | | | | Venice..... | 2.32 | ..... | ..... | 4.58 | ..... |
| | | | | Genoa..... | 1.17 | ..... | ..... | ..... | ..... |
| 5609 | 20 | 3, 4 | Port Byron—Weedsport..... | Monte..... | 1.26 | Port Byron, v. | 1.03 | ..... | 3.89 |
| | | | | Brutus..... | 1.06 | Weedsport, v.. | 0.55 | ..... | ..... |
| 5610 | 20 | 5 | Montesuma—Port Byron..... | Montesuma..... | 2.18 | ..... | ..... | ..... | ..... |
| | | | | Monte..... | 2.21 | ..... | ..... | 4.39 | ..... |
| <hr/> | | | | | | | | | |
| | | | Towns..... | 25.96 | ..... | ..... | ..... | 19.19 | 6.70 |
| | | | Villages..... | ..... | ..... | ..... | 1.58 | ..... | 1.58 |
| | | | Cities..... | ..... | ..... | ..... | 2.03 | ..... | ..... |
| | | | Totals..... | 25.96 | ..... | ..... | 3.61 | 21.22 | 8.28 |
| <hr/> | | | | | | | | | |

CHAUTAUQUA COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | | | |
|------|--------------|-------------------------------|-------------------|------|-------|-------|-------|-------|-------|
| 698: | 628..... | Falconer—Kennedy..... | Ellicott..... | 1.03 | ..... | ..... | 1.03 | ..... | ..... |
| 857 | 2307, 2352.. | Roberts Road..... | { Sheridan..... | 0.57 | ..... | ..... | 1.62 | ..... | ..... |
| | | | { Dunkirk..... | 1.05 | ..... | ..... | ..... | ..... | ..... |
| 873 | 2301..... | Brocton—Stockton, Part 1..... | Portland..... | 2.91 | ..... | ..... | 2.51 | ..... | ..... |
| 938 | 2304, 2890.. | Cassadaga—Fredonia..... | Pomfret..... | 5.58 | ..... | ..... | 5.58 | ..... | ..... |
| 939 | 2320..... | Cutting—French Creek..... | French Creek..... | 6.62 | ..... | ..... | 6.62 | ..... | ..... |
| 940 | 2325, 2327.. | Jamestown—Frewsburg..... | { Kiantone..... | 3.39 | ..... | ..... | ..... | ..... | ..... |
| | | | { Carroll..... | 0.86 | ..... | ..... | 4.25 | ..... | ..... |

¹ Contract length 3.33 miles. 3.26 miles built. 2.92 in Seneca county. Original contract forfeited and completed by bonding company.

² Included in State Route No. 4.

³ 0.52 miles included in State Route No. 20.

CHAUTAQUA COUNTY — Continued

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|----------------|-------------------------------------|---------------------|---------------|----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1011 | 2336, 2882.. | Brocton—Stockton, Part 2..... | Stockton..... | 4.70 | ..... | ..... | 4.70 | ..... | ..... |
| 1012 | 2335, 2337.. | Sinclairville—Cassadaga, Part 2.... | { Charlotte..... | 1.47 | ..... | ..... | ..... | ..... | ..... |
| 1012-A } | | | { Stockton..... | 1.83 | ..... | ..... | 3.30 | ..... | ..... |
| 1026 | 2322..... | Jamestown—Stockton, Part 1..... | Ellicott..... | 3.99 | ..... | ..... | ..... | 3.99 | ..... |
| 1027 | 2320, 2358.. | French Creek—Findley Lake..... | { French Creek..... | 1.67 | ..... | ..... | ..... | ..... | ..... |
| | | | { Mina..... | 2.66 | ..... | ..... | ..... | 4.33 | ..... |
| 1061 | V-195, 3155 | Dunkirk City..... | ..... | ..... | Dunkirk, c..... | 0.59 | 0.59 | ..... | ..... |
| 1062 | V-150..... | Fredonia Village..... | Pomfret..... | ..... | Fredonia, v..... | 1.59 | 1.59 | ..... | ..... |
| 1169 | 2313..... | Chautauqua Lake, Part 5..... | Chautauqua..... | 0.61 | ..... | ..... | 0.61 | ..... | ..... |
| 1296 | V-208..... | Brocton Village: Mill Street..... | Portland..... | 0.01 | Brocton, v..... | 0.76 | 0.77 | ..... | ..... |
| 1297 | 3244..... | Ripley—Sherman, Part 1..... | Ripley..... | 3.54 | ..... | ..... | 3.54 | ..... | ..... |
| 1298 | 3566..... | Cassadaga—Burnhams..... | Stockton..... | 0.91 | ..... | ..... | 0.91 | ..... | ..... |
| 1379 | V-204, 3535 | Jamestown City: Foote Ave..... | ..... | ..... | Jamestown, c..... | 0.74 | ..... | 0.74 | ..... |
| 1380 | { 2323, 2349, | { Jamestown—Ashville..... | { Ellicott..... | 1.48 | ..... | ..... | ..... | ..... | ..... |
| | 2314..... | | { Busti..... | 1.23 | Lakewood, v..... | 2.56 | ..... | 5.65 | ..... |
| | | | Harmony..... | 0.38 | ..... | ..... | ..... | ..... | ..... |
| 1381 | 2341..... | Fredonia—South Dayton, Part 3.... | Villenova..... | 3.90 | ..... | ..... | ..... | 3.90 | ..... |
| 1469 | { V-187, 3735, | { Silver Creek—Forestville..... | { Hanover..... | 4.50 | Silver Creek, v..... | 0.42 | ..... | 4.94 | ..... |
| | 2309, 3194.. |  | ..... | ..... | Forestville, v..... | 0.02 | ..... | ..... | ..... |
| 1470 | { 3736, 2344, | { Kennedy—Ellington..... | { Poland..... | 0.89 | ..... | ..... | ..... | ..... | 4.19 |
| | 2331..... | | Ellington..... | 3.30 | ..... | ..... | ..... | ..... | ..... |
| 1471 | 2332..... | Pratt Corner—Sinclairville..... | Ellicott..... | 0.02 | ..... | ..... | ..... | ..... | 5.85 |
| | | | Garry..... | 5.83 | ..... | ..... | ..... | ..... | ..... |

| STATE HIGHWAYS. | | | | | | | | | |
|-----------------|-----------|-------------|------------------------------------|-------------------|-------|------------------|-------|-------|-------|
| | Route No. | Section | | Towns..... | 64.93 | | 35.08 | 19.81 | 10.04 |
| | 4 | 3 | Levant—Poland Center..... | Poland..... | 2.54 | | | | |
| 5053 | 4 | 5 | Falconer Village..... | Ellicott..... | | Falconer, v.... | 1.06 | | |
| 5067 | 4 | 1, 2 | Poland Center—Waterboro..... | Poland..... | 5.19 | | | | |
| 5151 | 4 | 7 | Jamestown City..... | | | Jamestown, e.. | 1.48 | | |
| 5201 | { | Pet. V-1076 | | | | | | | |
| 5217 | 4 | 8 | Jamestown—Bemus Point..... | { Ellicott..... | 2.23 | | | | |
| 5217-A | 4 | | | { Ellery..... | 5.73 | | | 7.96 | |
| 5245 | 4 | 9 | Bemus Point—Dewittville..... | Ellery..... | 4.65 | Bemus Point, v. | 1.30 | 5.95 | |
| 5245-A | 4 | | | | | | | | |
| 5262 | 18 | 5 | Fredonia—Silver Creek, Part 1..... | { Pomfret..... | 0.90 | Fredonia, v.... | 0.74 | | |
| | | | | { Sheridan..... | 0.51 | | | 2.15 | |
| 5263 | 4 | 10 | Dewittville—Mayville..... | Chautauque..... | 4.65 | Mayville, v.... | 0.82 | 5.47 | |
| 5263-A | 4 | 12 | Westfield Village..... | Westfield..... | | Westfield, v.... | 1.07 | 1.07 | |
| 5320 | { | Pet. V-1078 | | | | | | | |
| 5434 | 4 | 11 | Mayville—Westfield..... | { Chautauque..... | 2.52 | | | | |
| | | | | { Westfield..... | 1.91 | | | 4.43 | |
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10.18 mile in Charlotte and 1.33 miles in Stockton cancelled and re-set as No. 1012-A.
 1 Original contract 7.96 miles. 6.82 miles cancelled and re-set as No. 5217-A.

* Original contract cancelled. Re-set as No. 5245-A.

* Original contract cancelled. Re-set as No. 5263-A.

* Exclusive of villages.

CHAUTAQUA COUNTY — Concluded

| STATE HIGHWAYS. | | | | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|----------------------------|---------|--|------------------------------------|----------------------------------|-----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| Highway No. | Route No. | Section | | | | | | | | | |
| 5434-A | 4 | 11 | | Mayville—Westfield..... | Westfield..... | 0.05 | | | 0.05 | | |
| 5452 ⁴ | { 18 9 Pet. V-1176 } | | | Irving—Silver Creek..... | Hanover..... | 2.94 | Silver Creek, v | 0.60 | 3.54 | | |
| 559 } | 4 | 10½ | | Mayville Village: Erie Street..... | Chautauqua..... | | Mayville, v... | 0.80 | 0.80 | | |
| | | | | | Towns..... | 33.82 | | | 33.82 | | |
| | | | | | Villages..... | | | 6.39 | 6.39 | | |
| | | | | | Cities..... | | | 1.48 | 1.48 | | |
| | | | | | Totals..... | 33.82 | | 7.87 | 41.69 | | |
| | | | | | Fredonia—Silver Creek, Pt. 2.... | 4.29 | | | | | 4.29 |

CHEMUNG COUNTY

FEDERAL AID HIGHWAYS.

| | | | | | | | | | | | |
|------|------|------|------|----------------------------------|---------------|------|--|--|--|--|--|
| 8003 | | | | Predonia—Silver Creek, Pt. 2.... | Sheridan..... | 4.29 | | | | | |
|------|------|------|------|----------------------------------|---------------|------|--|--|--|--|--|

COUNTY HIGHWAYS.

| | | | | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-----------|---------|--|-----------------------------------|-----------------|-----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| Highway No. | Route No. | Section | | | | | | | | | |
| 13 | 52..... | | | Southport, Part 1..... | Southport..... | 2.60 | | | 2.60 | | |
| 28 | 52..... | | | Southport, Part 2..... | Southport..... | 3.41 | | | 3.41 | | |
| 29 | 52..... | | | Southport, Part 3..... | Southport..... | 1.06 | | | 1.06 | | |
| 30 | 53..... | | | South Broadway..... | Southport..... | 1.02 | | | 1.02 | | |
| 355 | 225..... | | | Wellsburg—Elmira..... | Ashlands..... | 1.47 | | | 4.48 | | |
| | | | | | Horseheads..... | 3.01 | | | | | |
| 356 ¹ | 485..... | | | Erin—Horseheads..... | Horseheads..... | 6.07 | | | 9.17 | | |
| | | | | | Erin..... | 3.10 | | | | | |
| 357 ² | 486..... | | | Grand Central Avenue, Part 1..... | Elmira..... | 0.08 | | | 1.57 | | |
| | | | | | Horseheads..... | 1.49 | | | | | |

| | | | | | | | | |
|-------|---|---|-----------------|-------|-----------------------|-------|-------|-------|
| 358* | 487..... | Horseheads—Corning..... | Horseheads..... | 1.15 | ..... | ..... | 7.08 | ..... |
| | | | Big Flats..... | 5.93 | ..... | ..... | ..... | ..... |
| 725* | 486, 2489... | Grand Central Avenue, Part 2..... | Elmira..... | ..... | Elmira Hgts., v. 0.27 | ..... | 0.89 | ..... |
| | | | Horseheads..... | ..... | Elmira Hgts., v. 0.62 | ..... | ..... | ..... |
| 888 | 908..... | Horseheads—Catlin..... | Big Flats..... | 3.35 | ..... | ..... | 3.76 | ..... |
| | | | Catlin..... | 0.41 | ..... | ..... | ..... | ..... |
| 946 | 2905, 2906.. | Fitch Bridge—Elmira..... | Big Flats..... | 0.23 | ..... | ..... | 1.98 | ..... |
| | | | Elmira..... | 1.75 | ..... | ..... | ..... | ..... |
| 1083 | 3178, V-193 | Elmira City: West Church Street... | ..... | ..... | Elmira, e..... | 0.36 | 0.36 | ..... |
| 1094 | 3179, V-193 | Elmira City: Pennsylvania Avenue. | ..... | ..... | Elmira, e..... | 1.10 | 1.10 | ..... |
| 1095* | 3180, V-193 | Elmira City: South Broadway..... | ..... | ..... | Elmira, e..... | 1.12 | 1.12 | ..... |
| 1096 | 3177, V-193 | Elmira City: Maple Avenue..... | ..... | ..... | Elmira, e..... | 0.51 | 0.51 | ..... |
| 1195 | 3461, V-317 { | Elmira City: Division Street and Grand Central Avenue..... | ..... | ..... | Elmira, e..... | 1.14 | 1.14 | ..... |
| 1810 | 2927, 3012.. | Seely Creek—Steuben County Line. | Southport..... | 4.02 | ..... | ..... | 4.02 | ..... |
| 1311 | 909..... | Erin—Van Etten—Spencer, Part 1.. | Erin..... | 4.22 | ..... | ..... | 6.87 | ..... |
| | | | Van Etten..... | 2.65 | ..... | ..... | ..... | ..... |
|  |  |  | ..... | ..... | Elmira, e..... | 1.19 | ..... | ..... |
| 1378 | { V-368, 3570, } Elmira—North Elmira..... | ..... | Elmira..... | 0.09 | Elmira Hgts., v. 0.42 | ..... | 4.14 | ..... |
| | { 3894..... } | | Horseheads..... | ..... | Elmira Hgts., v. 0.67 | ..... | ..... | ..... |
| | | | Horseheads..... | 1.65 | Horseheads, v.. 0.12 | ..... | ..... | ..... |
| | | | Towns..... | 48.76 | ..... | ..... | 48.76 | ..... |
| | | | Villages..... | ..... | ..... | 2.10 | 2.10 | ..... |
| | | | Cities..... | ..... | ..... | 5.42 | 5.42 | ..... |
| | | | Totals..... | 48.76 | ..... | 7.52 | 56.28 | ..... |

* Included in State Route No. 9.

* Included in State Route No. 4.

* Original contract 7.14 miles.

* State Route No. 4.

* 2.53 miles built by State, 0.02 mile of concrete bridges built by town.

* Exclusive of villages.

CHEMUNG COUNTY — Concluded

| STATE HIGHWAYS. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-----------------------------|--------------------|-----------|---|--------------------------------------|-----------------------|----------------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5048 | 4 | 4 | Lowman—Waverly, Part 1. | { Ashland. Chemung. | 0.11 2.39 | ..... | ..... | 2.50 | ..... | ..... |
| 5162 | { 4 9 | { 12 1 | { Horseheads Village. Horseheads. | Horseheads. | ..... | Horseheads, v. | 1.91 | 1.91 | ..... | ..... |
| 5207 | 4 | 5 | Elmira—Lowman | { Elmira. Ashland. | 3.92 1.55 | ..... | ..... | 5.47 | ..... | ..... |
| 5208 ⁴ 5208-A | 12 | 1, 2 | Horseheads—Montour Falls | { Horseheads. Catlin. Veteran. | 1.75 0.88 5.92 | Horseheads, v. | 0.66 | 8.80 | ..... | 0.41 |
| 5218 | 4 | 3 | Lowman—Waverly, Part 2. | Chemung. | 4.27 | ..... | ..... | 4.27 | ..... | ..... |
| 5239 ³ | 4 | 1 | Lowman—Waverly, Part 3. | Chemung. | 2.68 | ..... | ..... | 2.68 | ..... | ..... |
| 5392 | { 4 Pet. V-1130 | { 6 | { Elmira City: East Water Street. Horseheads—Cayuta. | { Horseheads. Veteran. | 1.07 6.79 | Elmira, e. | 0.76 | 0.76 | ..... | ..... |
| 5432 ¹ | 39-A | 1, 2 | Horseheads—Cayuta | { Horseheads. Veteran. | 6.79 | ..... | ..... | ..... | 7.86 | ..... |
| <hr/> | | | | | | | | | | |
| | | | | | Towns..... | 31.33 | ..... | 23.06 | 7.86 | 0.41 |
| | | | | | Villages..... | ..... | ..... | 2.57 | ..... | ..... |
| | | | | | Cities..... | ..... | ..... | 0.76 | ..... | ..... |
| | | | | | Totals..... | 31.33 | ..... | 26.39 | 7.86 | 0.41 |

CHENANGO COUNTY

COUNTY HIGHWAYS.
Section No.

| | | | | | | | | | |
|-----|----------|-----------------------|------------------------|--------------|-------|-------|------|-------|-------|
| 112 | 119..... | Norwich—Plymouth..... | { Norwich Plymouth. | 1.09 3.75 | | | 4.84 | | |
|-----|----------|-----------------------|------------------------|--------------|-------|-------|------|-------|-------|

| | | | | | | |
|------------------|-------------|---------------------------------------|--------------------|------|-------|------|
| 218* | 282..... | Greene-Smithville Fla.ta..... | Greene..... | 3.86 | ..... | 4.68 |
| | | | Smithville..... | 0.82 | ..... |  |
| | | | Oxford..... | 1.52 | ..... |  |
| 224 | 283..... | Oxford-McDonough, Part 1..... | Preston..... | 2.68 | ..... | 5.82 |
| | | | McDonough..... | 1.62 | ..... |  |
| 225 | 278-281... | Gulford..... | Gulford..... | 5.75 | ..... | 5.75 |
| 505* | 493, 496... | Norwich-North Norwich..... | Norwich..... | 0.99 | ..... | 4.69 |
| | | | North Norwich..... | 3.60 | ..... |  |
| 596* | 771-P..... | Norwich-South New Berlin, Part 1..... | Norwich..... | 3.29 | ..... | 3.29 |
| 596-A | 771-P..... | Norwich-South New Berlin, Part 1..... | Norwich..... | 0.38 | ..... | 0.38 |
| 597 | 492, 771... | Norwich-Kings Settlement, Part 1..... | Norwich..... | 1.01 | ..... | 3.55 |
| | | | North Norwich..... | 2.54 | ..... |  |
| | | | Norwich..... | 1.89 | ..... | 4.86 |
| 598* | 494, 771-R | Norwich-Preston..... | Preston..... | 2.97 | ..... |  |
| 598-A | 494..... | Norwich-Preston..... | Preston..... | 0.22 | ..... | 0.22 |
| 599 ⁷ | 771-Y & Z. | Otselic-Smyrna, Part 2..... | Smyrna..... | 6.44 | ..... | 6.44 |
| | | | Pharsalia..... | 0.49 | ..... | 4.38 |
| 663 | 495, 771-X. | Otselic-South Otselic, Part 2..... | Otselic..... | 3.89 | ..... |  |
| 664 | 771-X..... | Otselic-South Otselic, Part 1..... | Otselic..... | 4.33 | ..... | 4.33 |
| 665 | 501..... | Oxford-McDonough, Part 2..... | McDonough..... | 5.13 | ..... | 5.13 |
| 666 | 771-U & S. | Plymouth-Kirk..... | Plymouth..... | 4.86 | ..... | 4.86 |
| 667 | 771..... | Rockdale-Mt. Upton..... | Gulford..... | 2.33 | ..... | 2.33 |
| 668* | 771..... | Bainbridge-East Gulford, Part 2..... | Bainbridge..... | 0.66 | ..... | 1.12 |
| | | | Gulford..... | 0.46 | ..... |  |

Total length 8.98 miles, part in Schuyler county. Cancelled and re-let as No. 5432-A, which was forfeited.

¹ Total length 8.98 miles, part in Schuylker county. Cancelled and re-let as No. 5482-A, which was forfeited.

* Part in Tioga county. Total length 3.63 miles.
 † Included in State Route No. 10.
 ‡ Total length 12.39 miles. 3.18 miles in Schuyler county. 0.41 mile at grade crossing in Veteran (cancelled) to be re-laid as No. 1208-A.

‡ Included in State Route No. 9.
§ Original plans 5.05 miles. Included in State Route No. 7 and 9.97 miles built as No. E012.

¹ Original plans 5.99 miles. Included in State Route NO. 7 and State Route NO. 3010.
² Original contract 6.48 miles. 6.44 miles constructed.

*Original plans 5.09 miles, of which 0.11 mile was omitted

- Original construction 3.42 miles; 0.13 mile reconstructed
- Exclusive of villas.

FIGURE 4 *Vol. in a given interval*

CHENANGO COUNTY — Continued

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles ap- proved and awaiting contract |
|---------------------|----------------------------|--|-----------------|----------------------|-----------------|-------------------------------------|-------------------------|--|
| 704 | 502, 503.... | New Berlin—Columbus..... | New Berlin..... | 0.99 | ..... | ..... | 4.71 | ..... |
| 705 | 1509..... | Sherburne—Furman Mill..... | Sherburne..... | 3.81 | ..... | ..... | 3.81 | ..... |
| 706 ¹ | 771-B..... | North Norwich—Sherburne..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 707 ² | 771-C & J.. | Smithville Flats—Long Pond..... | Smithville..... | 1.83 | ..... | ..... | ..... | 1.83 |
| 806 | 771, V-250.. | South New Berlin—New Berlin, Part 2..... | New Berlin..... | 4.15 | New Berlin, v.. | 1.48 | 5.63 | ..... |
| 807 | 771..... | Kirk—North Pharsalia..... | Plymouth..... | 1.92 | ..... | ..... | ..... | 5.08 |
| 808 ² | 2717..... | Norwich Village..... | Pharsalia..... | 3.76 | ..... | ..... | ..... | ..... |
| 809 | 771, 2718... | Smyrna Village..... | Smyrna..... | ..... | Norwich, v. | 0.97 | 0.97 | ..... |
| 1013 | 3069..... | Plymouth Hamlet..... | Plymouth..... | 0.19 | Smyrna, v. | 0.70 | 0.70 | ..... |
| 1014 | 3068..... | McDonough Hamlet..... | McDonough..... | 0.08 | ..... | ..... | 0.08 | ..... |
| 1156 | V-192, 3423. | Oxford Village..... | Oxford..... | ..... | Oxford, v. | 0.82 | 0.82 | ..... |
| 1171 | { 2893, V-244, 771..... | Afton—Coventry, Part 1, and Afton—Bettaburg..... | Afton..... | 5.60 | Afton, v. | 1.52 | 7.12 | ..... |
| 1394 | 771..... | Norwich—So. New Berlin, Pt. 2, & So. New Berlin—New Berlin, Pt. 1 | New Berlin..... | 7.09 | ..... | ..... | 7.09 | ..... |
| 1395 | 771 (52).... | East Guilford—Rockdale..... | Guilford..... | 2.90 | ..... | ..... | 2.90 | ..... |
| 1473 | 771 (45).... | Otselic—Smyrna, Part 1..... | Otselic..... | 2.19 | ..... | ..... | ..... | ..... |
| | | | Smyrna..... | 0.87 | ..... | ..... | 3.06 | ..... |
| 1497 | 771, 3141... | Rockwell Mills—South New Berlin. | Norwich..... | 3.00 | ..... | ..... | ..... | ..... |
| | | | New Berlin..... | 1.78 | ..... | ..... | ..... | 4.78 |

| 1510 | 771 | Afton—Coventry, Part 2 | Coventry | 2.92 | ..... | ..... | ..... | 2.92 |
|---------|-----------------|-----------------------------|-----------------|--------|---------------|-------|-------|-------|
| | | | | | | | | |
| | | | Towns | 113.37 | ..... | ..... | 82.41 | 15.75 |
| | | | Villages | ..... | ..... | 4.52 | 3.00 | 1.52 |
| | | | Cities | ..... | ..... | 0.97 | 0.97 | ..... |
| | | | Totals | 113.37 | ..... | 5.49 | 86.38 | 17.27 |
| | | | | | | | | |
| 5013 | 7 | Bainbridge—Unadilla, Part 1 | Bainbridge | 2.49 | Bainbridge, v | 1.13 | 3.62 | ..... |
| 5057 | 8 | Norwich Village | Norwich, c | ..... | Norwich, c | 0.51 | 0.51 | ..... |
| 5121 | { 8 13,14,16 } | North Norwich—Sherburne | { Sherburne | 1.91 | Sherburne, v | 0.54 | 6.87 | ..... |
| | { Pet. V-1042 } | | { North Norwich | 4.42 | ..... | ..... | ..... | ..... |
| 5200* | 7 | Nineveh—Afton | Afton | 4.29 | Afton, v | 0.89 | 5.18 | ..... |
| | { Pet. V-1055 } | | | | | | | |
| 5216 | 7 | Bainbridge—Unadilla, Part 2 | Bainbridge | 1.06 | ..... | ..... | 1.06 | ..... |
| 5280 | 10 | Long Pond—Smithville Flats | Smithville | 3.01 | ..... | ..... | 3.01 | ..... |
| 5281 | 7 | Afton—Bainbridge | { Afton | 2.30 | ..... | ..... | 4.43 | ..... |
| | 3, 4 | | { Bainbridge | 2.13 | ..... | ..... | ..... | ..... |
| 5281-A* | 7 | Afton—Bainbridge | Afton | 0.15 | Afton, v | 0.57 | ..... | 0.72 |
| | 8 | | | | | | | |
| 5391 | { Pet. V-1082 } | Sherburne Village | Sherburne | ..... | Sherburne, v | 0.40 | 0.40 | ..... |
| | { Pet. V-1105 } | | | | | | | |

* Built as State Highway No. 5121 on Route No. 8.

* Original plans 4.84 miles, of which 0.91 mile was not on approved system. Included in State Route No. 10 and 3.01 miles constructed as No. 5280.

* 0.03 mile included in State Route No. 8.

* Part in Broome county. Total length 5.61 miles.

* New location to eliminate grade crossing.

* Exclusive of villages.

CHENANGO COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|-------------------|-------------------------------------|----------|----------------------------|----------------------------|----------------|-------------------|--------------------------|--------------------------|--------------------------------------|
| 5414 | { 8 Pet. V-1086 Pet. V-1098 } | { 6-8 } | Norwich—Oxford..... | Norwich..... | 4.33 | Norwich, c..... | 0.72 | 9.64 | ..... |
| | | | | Preston..... | 0.19 | ..... | ..... |  |  |
| | | | | Oxford..... | 2.84 | Oxford, v..... | 1.56 | | |
| 5454 | 7 | 6 | Robbins Crossing..... | Bainbridge..... | 0.20 | ..... | ..... | 0.20 | ..... |
| 5565 | { 8 Pet. V-1211 } | { 1-2 } | Chenango Forks—Greene..... | Greene..... | 6.80 | Greene, v..... | 0.98 | 7.78 | ..... |
| 5568 | 8 | 17 | Sherburne—Earlville..... | Sherburne..... | 3.98 | ..... | ..... | 3.98 | ..... |
| 5585 ¹ | 8 | 18 | Earlville—Hamilton..... | Sherburne..... | ..... | Earlville, v..... | 0.59 | 0.59 | ..... |
| 5623 | { 8-A Pet. V-1223 } | { 1, 2 } | Oxford—Soldiers' Home..... | Oxford..... | 0.56 | Oxford, v..... | 0.74 | 1.30 | ..... |
| | | | | Towns..... | 40.66 | ..... | ..... | 39.95 | 0.15 |
| | | | | Villages..... | ..... | ..... | 7.40 | 5.50 | 1.33 |
| | | | | Cities..... | ..... | ..... | 1.23 | 1.23 | ..... |
| | | | | Totals..... | 40.66 | ..... | 8.63 | 46.68 | 1.89 |
| | | | | Greene—Oxford, Part 1..... | Greene..... | ..... | ..... | ..... | 5.57 |
| | | | | Greene—Oxford, Part 2..... | Oxford..... | ..... | ..... | ..... | 5.87 |
| | | | | Towns..... | 11.44 | ..... | ..... | ..... | 11.44 |

CLINTON COUNTY

COUNTY HIGHWAYS.
Petition No.

| | | | | | | |
|-----------------|---------|------------------------------------|------|-------|------|-------|
| 56 | 73..... | Plattsburg—Keeseville, Part 1..... | 2.82 | ..... | 2.82 | ..... |
| 57 ² | 72..... | Windsor, Part 1..... | 1.00 | ..... | 1.00 | ..... |

| | | | | | | | |
|------|-------------|---|---------------------|------|-------|-------|-------|
| 136* | 72..... | Windsor, Part 2..... | Champlain..... | 1.75 | ..... | 1.75 | ..... |
| 137 | 73..... | Plattaburg—Keeseville, Part 2..... | Plattaburg..... | 0.45 | ..... | 4.52 | ..... |
| 138 | 231-A..... | Plattaburg—Moorea, Part 1..... | Beekmantown..... | 0.04 | ..... | 7.57 | ..... |
| 258 | 73-A..... | Plattaburg—Keeseville, Part 3..... | Chazy..... | 7.53 | ..... | 5.44 | ..... |
| 259 | 231..... | Plattaburg—Moorea, Part 2..... | Peru..... | 2.71 | ..... | 7.34 | ..... |
| 260 | 231..... | Plattaburg—Moorea, Part 3..... | Ausable..... | 2.24 | ..... | 4.31 | ..... |
| 433* | 715..... | Chazy—Chazy Landing; Obers Corners—Scotia..... | Plattaburg..... | 5.10 | ..... | 4.60 | ..... |
| 476* | 730..... | Ausable Forks—Clintonville..... | Beekmantown..... | 0.86 | ..... | 5.38 | ..... |
| 533 | 814..... | West Chazy—Chazy..... | Chazy..... | 0.06 | ..... | 6.31 | ..... |
| 651* | 730, 2556.. | Clintonville—Keeseville..... | Ausable..... | 3.39 | ..... | 5.58 | ..... |
| 652 | 977..... | Champlain—Perrys Mills..... | Chazy..... | 2.78 | ..... | 3.25 | ..... |
| 776 | 2458..... | West Plattaburg..... | Ausable..... | 2.60 | ..... | 7.26 | ..... |
| 777 | 69..... | Plattaburg—Cadyville, Part 1..... | Champlain..... | 3.25 | ..... | 4.33 | ..... |
| 778* | 120, 2172.. | Moorea—Moorea Forks..... | Plattaburg..... | 7.26 | ..... | ..... | ..... |
| | | | Schuyler Falls..... | 3.94 | ..... | ..... | ..... |
| | | | | 0.39 | ..... | ..... | ..... |

* Total length 6.18 miles. Part in Madison county.

* Included in State Route No. 30.

* 0.40 mile included in State Route No. 22.

* Included in State Route No. 22.

* Constructed as State Highway No. 5102 on Route No. 30.

* Exclusive of villages.

CLINTON COUNTY — Concluded

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awa- iting contract |
|---------------------|-----------------|--------------------------------|-------------|----------------------|------------------|-------------------------------------|-------------------------|--|---|
| 779 ¹ | 72 | Plattsburg—Ingraham | Plattsburg | 2.30 | | | | | 2.30 |
| 822 | 69 | Cadyville—Moffittville | Beekmantown | 0.46 | | | 6.72 | | |
| 859 ² | V-15 | Keesville Village | Plattsburg | 6.26 | | | | | |
| 930 | 2897 | Moorea Village | Saranac | | Keesville, v... | 0.67 | 0.67 | | |
| 1008 | 2806 | Battleman Road | Anable | | Moorea, v | 0.32 | 0.32 | | |
| 1204 | 3022 | Plattsburg City: Broad Street | Moorea | 1.28 | | | 1.28 | | |
| 1398 | 69, 3626 | Moffittville—Franklin Co. Line | Champlain | | Plattsburg, e... | 0.80 | 0.80 | | |
| 1488 | 2462, 2463 | Altona—Obers Corners | Saranac | 5.43 | | | 10.46 | | |
| 1489 | 72 | Chazy—Champlain | Black Brook | 5.03 | | | 5.95 | | |
| | | | Altona | 5.63 | | | | | |
| | | | Chazy | 0.32 | | | | | 3.34 |
| | | | Champlain | 3.34 | | | | | |
| | | | Towns | 101.51 | | | 95.87 | | 5.64 |
| | | | Villages | | | 0.99 | 0.99 | | |
| | | | Cities | | | 0.80 | 0.80 | | |
| | | | Totals | 101.51 | | 1.79 | 97.66 | | 5.64 |

STATE HIGHWAYS.

| High- way No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awa- iting contract |
|---------------------|--------------|---------|----------------------------------|--------|----------------------|-----------------|-------------------------------------|-------------------------|--|---|
| 5056 | 22 | 4 | Keesville—Anable Chasm | Anable | 0.68 | Keesville, v... | 1.58 | 2.26 | | |
| 5102 | 30 | 6, 7 | Moorea Forks—Champlain, Part 1.. | Moorea | 4.99 | Moorea, v... | 1.48 | 6.47 | | |

| | | | | | | | |
|---|---------------------------|--------------|---|--|---|--|---------------------------------------|
| 5191 | 22 | 7, 8 | Plattsburg—Ausable Chasm, Part 1. | { Plattsburg..... Peru..... | 3.24 3.65 | { | 6.89 |
| 5197 | 22 | 9, 10 | Plattsburg City..... | Plattsburg, c..... | 1.79 | { | 1.79 |
| 5199 | 22 | 14, 15 | Chazy—Rouses Point..... | { Chazy..... Champlain..... | 1.18 7.07 | { | 8.25 |
| 5228 | { 22 30 Pet. V-1095 | { 16 1 | { Rouses Point Village..... Champlain..... | Champlain..... | Rouses Point, v | { 2.24 | 2.24 |
| 5311* | 22 | 5, 6 | Plattsburg—Ausable Chasm, Part 2. | { Peru..... Ausable..... | 1.62 1.73 | { | 3.35 |
| 5337 | 22 | 17 | Rouses Point—Canadian Line..... | Champlain..... | 1.91 | Rouses Point, v | 2.36 |
| 5475 | { 22 Pet. V-1178 | { 9-A 178 | { Plattsburg City: Peru and Char- lotte Streets..... | Moorea..... Altona..... Ellenburg..... Ellenburg..... Clinton..... Plattsburg..... Beckmantown..... | 7.26 1.81 0.56 4.22 7.61 1.57 2.22 | { | 0.30 0.30 9.63 11.83 3.79 |
| 5485 | 30 | 8, 9 | Moorea Forks—Ellenburg Depot... | ..... | ..... | { ..... ..... | ..... |
| 5520 | 30 | 10-12 | Ellenburg Depot—Franklin County Line..... | ..... | ..... | { ..... ..... | ..... |
| 5594 | 22 | 11 | Plattsburg—Ingraham, Part 1..... | ..... | ..... | { ..... ..... | ..... |
| * Included in State Route No. 22. Original plans 6.09 miles. 3.79 miles constructed as No. 5594. † Part in Essex county. Total length 1.94 miles. ‡ Total length 4.92 miles. Part in Essex county. * Exclusive of villages. | | | | | | | |
| | | | Towns..... | 51.32 | ..... | ..... | 51.32 |
| | | | Villages..... | ..... | 5.75 | ..... | 5.75 |
| | | | Cities..... | ..... | 2.09 | ..... | 2.09 |
| | | | Totals..... | 51.32 | 7.84 | ..... | 59.16 |

¹ Included in State Route No. 22. Original plans 6.09 miles. 3.79 miles

constructed as No. 5594.

† Part in Essex county. † Total length 1.24 miles.
 † Part in Essex county. † Total length 4.92 miles.
 † Part in Essex county. † Total length 1.24 miles.

• Exclusive of villages.

COLUMBIA COUNTY

| COUNTY HIGHWAYS. | Highway No. | Petition No. | Name of Highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-------------------|------------------|--------------------------------|-------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | 4 ¹² | 7 | Pittsfield—New Lebanon | New Lebanon | 1.23 | | 0.00 | 1.23 | | |
| | 341 ¹ | 310 | Hudson—Stockport | Greenport | 2.51 | Hudson, c | | 2.60 | | |
| | 342 | 522 | Chatham—Chatham Center, Part 2 | Chatham | 1.12 | | | 1.12 | | |
| | 540 ¹² | 1047 | Chatham—Spencertown | Chatham | 0.10 | | | 4.32 | | |
| | 589 ¹¹ | 1634 | Nevis—Blue Store | Ghent | 1.76 | | | | | |
| | 615 ¹ | 1522, 1620, 2020 | | Austerlitz | 2.46 | | | 3.77 | | |
| | 649 ⁴ | 2021 | New Lebanon—Brainard | Clermont | 3.77 | | | | | |
| | 650 | 2121 | Hudson—Hollowville | New Lebanon | 8.03 | | | 8.03 | | |
| | 762 | 2121 | Craryville—State Line | Stockport | 1.02 | | | 1.02 | | |
| | 763 ⁵ | 2121 | Hollowville—Craryville | Greenport | 1.07 | | | 5.65 | | |
| | 827 ⁵ | 2543 | Chatham Center—Riders Mills | Claverack | 4.83 | | | 6.02 | | |
| | 1112 | 2976, 3330 | Stockport Station—Stockport | Copake | 1.21 | | | | | |
| | 1113 | 3065 | Germanatown—Clermont | Hilledale | 4.81 | | | | | |
| | 1152 | 3028 | Smith Corners—Stockport Dock | Claverack | 5.20 | | | | | |
| | 1280 | 3221 | Harlemville—Mellenville | Hilledale | 0.48 | | | | | |
| | | | | Taghkanic | 0.45 | | | | | |
| | | | | Copake | 1.01 | | | | 7.14 | |
| | | | | Chatham | 6.70 | | | 6.70 | | |
| | | | | Stockport | 1.85 | | | 1.85 | | |
| | | | | Germanatown | 3.01 | | | 5.80 | | |
| | | | | Clermont | 2.79 | | | | | |
| | | | | Stockport | 1.18 | | | 1.18 | | |
| | | | | Hilledale | 0.48 | | | | | |
| | | | | Ghent | 2.12 | | | 4.95 | | |
| | | | | Claverack | 1.29 | Philmont, v | 1.06 | | | |

| | | | | | | | |
|---|--------------------|---|--|---|---|---|---|
| 1331 | 3220..... | Claversack—Chatham, Part 1..... | Claversack..... | 4.27 | ..... | 4.27 | ..... |
| 1332 | 3222..... | Claversack—Chatham, Part 2..... | Ghent..... | 6.78 | ..... | 7.77 | ..... |
| STATE HIGHWAYS. | | | | | | | |
| 5004 * | 2 | Blue Stores—Livingston..... | Livingston..... | 2.64 | ..... | 2.64 | ..... |
| 5072 * | 2 | 3 Livingston—Hudson, Part 1..... | Livingston..... | 3.59 | ..... | 3.59 | ..... |
| 5073 * | 2 | 4, 5 Livingston—Hudson, Part 2..... | { Livingston..... Greenport..... | { 0.41 4.67 | ..... | { 5.08 | ..... |
| 5074 | 1 | 18 Schodack Center—Valatie, Part 4.. | Kinderhook..... | 4.17 | Valatie, v..... | 4.32 | ..... |
| 5103 * | 2 | 9, 10 Stottville—Stuyvesant Falls..... | Stockport..... | 5.20 | ..... | 5.20 | ..... |
| 5104 * | { 2 1 | { 11-13 Stuyvesant Falls—Valatie..... 17 | { Stuyvesant..... Kinderhook..... Kinderhook..... Hillsdale..... Copake..... | { 2.42 0.31 0.27 4.53 | { Kinderhook, v..... Valatie, v..... Hudson, c..... | { 5.64 1.95 0.96 4.85 1.17 | { |
| 5347 | 1 | 5 Hillsdale—Copake Iron Works..... | Copake..... | 4.53 | ..... | 4.85 | ..... |
| 5574 | { 2 Pet. V-1160 | { Hudson City..... | ..... | ..... | ..... | 1.17 | ..... |
| 5629 | 1 | 9 Spencertown—Austerlitz..... | Austerlitz..... | 5.02 | ..... | 5.02 | ..... |
| <small> 1 6.56 miles included in State Route No. 21. 2 Included in State Route No. 2. 3 Included in State Route No. 1. 4 0.21 mile included in State Route No. 2. 5 Original contract forfeited. 6 Original contract 6.73 miles; 6.70 miles constructed. 7 Items combined and let as one contract. 8 Original plans 2.59 miles. Due to relocation a portion of No. 589 was included. 9 0.60 mile included in State Route No. 21. 10 Included in State Route No. 2. 3.81 miles constructed, of which 0.04 mile was rebuilt under 5004-A. 11 3.09 miles included in State Route No. 1. * Exclusive of villages. </small> | | | | | | | |
| Towns..... | | | | 71.28 | ..... | 56.37 | 14.91 |
| Villages..... |  |  |  | ..... | ..... | 2.05 | ..... |
| Cities..... |  |  |  | ..... | ..... | 0.09 | ..... |
| Totals..... | | | | 71.28 | ..... | 58.51 | 14.91 |
| Towns..... | | | | 33.28 | ..... | 33.28 | ..... |
| Villages..... |  |  |  | ..... | ..... | 3.06 | ..... |
| Cities..... |  |  |  | ..... | ..... | 1.17 | ..... |
| Totals..... | | | | 33.28 | ..... | 37.51 | ..... |

CORTLAND COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|------------------|---------------|-----------------------------------|-------------------------------------|----------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 40 ¹ | 93..... | Cuyler Road (Truxton Hamlet).... | Truxton..... | 0.47 | ..... | ..... | 0.47 | ..... |
| 111 ² | 161..... | Blodgett's Mills..... | Cortlandville..... | 0.75 | ..... | ..... | 0.75 | ..... |
| 123 | 236..... | Preble—Homer..... | Preble..... | 1.23 | ..... | ..... | 1.23 | ..... |
| 208 ³ | 250..... | Cortland—Homer..... | Cortlandville..... | 0.53 | ..... | ..... | 0.53 | ..... |
| 215 | 292..... | Dryden..... | Cortlandville..... | 1.99 | ..... | ..... | 1.99 | ..... |
| 377 ⁴ | 453..... | Cincinnati..... | Cincinnati..... | 0.40 | ..... | ..... | 0.40 | ..... |
| 378 ⁵ | 454, 505, 506 | McGrawville..... | Cortlandville..... | 2.90 | ..... | ..... | 2.90 | ..... |
| 379 | 455..... | Harford..... | Harford..... | 0.90 | ..... | ..... | 0.90 | ..... |
| 380 | 511, 568.... | State Road—Homer..... | Homer..... | 4.39 | ..... | ..... | 4.39 | ..... |
| 381 | 567..... | State Road—Scott..... | Scott..... | 2.72 | ..... | ..... | 2.72 | ..... |
| 446 | 995..... | Cortland—Groton, Part 1..... | Cortlandville..... | 1.35 | ..... | ..... | 1.35 | ..... |
| 510 ⁶ | 912-E..... | Homer—Tully, Part 1..... | Homer..... | 4.17 | ..... | ..... | 4.17 | ..... |
| 535 | 912-J, 1434. | Dryden—Cortland, Part 2..... | { Cortlandville..... Virgil..... | { 1.42 1.28 | ..... | ..... | { 2.70 ..... | ..... |
| 595 ⁷ | 912-F..... | Homer—Tully, Part 2..... | Preble..... | 5.42 | ..... | ..... | 5.42 | ..... |
| 737 ¹ | 1328, 1329.. | Cortland—Truxton—Cuyler..... | Truxton..... | 5.78 | ..... | ..... | 5.78 | ..... |
| 738 ¹ | 1045, 1421.. | Cortland—Truxton..... | { Cortlandville..... Homer..... | { 1.30 5.20 | ..... | ..... | { 6.50 ..... | ..... |
| 881 | 912-D..... | Blodgett Mills—Cortland..... | Cortlandville..... | 1.78 | ..... | ..... | 1.78 | ..... |
| 882 | 912-K..... | Scott—Spafford..... | Scott..... | 2.55 | ..... | ..... | 2.55 | ..... |
| 995 | 912-Y..... | Truxton—Chenango..... | Truxton..... | 4.86 | ..... | ..... | 4.86 | ..... |
| 996 | 1420..... | Cortland—Groton, Part 2..... | Cortlandville..... | 2.25 | ..... | ..... | 2.25 | ..... |
| 1075 | 1435, 2806.. | Harford Mills—Dryden, Part 1..... | Harford..... | 5.25 | ..... | ..... | 5.25 | ..... |
| 1368 | 1374, 3631.. | Summer Hill—Cortland, Part 3..... | Cortlandville..... | 2.07 | ..... | ..... | 2.07 | ..... |
| 1369 | 2264..... | Truxton—Apulia, Part 1..... | Truxton..... | 2.00 | ..... | ..... | 2.00 | ..... |

| STATE HIGHWAYS. | | | | | | | | | |
|-----------------|---------------|------------------------------------|----------------------|-------|-------|-------|-------|-------|------------|
| | Route No. | Section | | | | | | | |
| 1435 | 3441, 3720.. | Solon—Gee Brook, Part 1..... | { Solon..... | 3.05 | ..... | ..... | ..... | ..... | ..... |
| | | | { Freetown..... | 1.55 | ..... | ..... | ..... | ..... | 6.07 |
| | | | { Cincinnati..... | 1.47 | ..... | ..... | ..... | ..... | ..... |
| 1500 | 912..... | Marathon—Cortland, Part 4..... | Cortlandville..... | 2.33 | ..... | ..... | ..... | ..... | 2.33 |
| | | | Towns..... | 71.36 | ..... | ..... | ..... | ..... | 62.96 8.40 |
| | | | Villages..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 71.36 | ..... | ..... | ..... | ..... | 62.96 8.40 |
| 5058 | 10 5 | Homer Village..... | { Homer..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | { Cortlandville..... | ..... | ..... | ..... | ..... | ..... | 2.01 |
| 5075 | 9 4 | Cortland City: Clinton Avenue..... | Homer, v..... | 1.42 | ..... | ..... | ..... | ..... | ..... |
| 5141 | 9 10 | Truxton—De Ruyter, Part 1..... | Homer, v..... | 0.59 | ..... | ..... | ..... | ..... | 0.53 |
| 5292 | 9 11 | Truxton—De Ruyter, Part 2..... | Cortland, e..... | 0.53 | ..... | ..... | ..... | ..... | 2.15 |
| | | | Cuyler..... | 2.15 | ..... | ..... | ..... | ..... | 0.87 |
| 5424 | 9 2, 3 | Virgil—Cortland..... | Cuyler..... | 0.87 | ..... | ..... | ..... | ..... | ..... |
| | | | Virgil..... | 3.18 | ..... | ..... | ..... | ..... | 5.96 |
| 5436 | { Pet. V-1091 | McGrawville—Solon..... | Cortlandville..... | 2.78 | ..... | ..... | ..... | ..... | ..... |
| | { 10 10 | | Cortlandville..... | 1.04 | ..... | ..... | ..... | ..... | 4.71 |
| 5472 * | 9 12 | Truxton—De Ruyter, Part 3..... | Solon..... | 2.67 | ..... | ..... | ..... | ..... | ..... |
| 5466 | 9 3A | Cortland City: Owego Street..... | Cuyler..... | 2.11 | ..... | ..... | ..... | ..... | 2.11 |
| 5595 | 4A | 1-2 Broome County Line—Marathon... | Cortland, e..... | 0.23 | ..... | ..... | ..... | ..... | 0.23 |
| | | | Marathon..... | 2.48 | ..... | ..... | ..... | ..... | 3.75 |
| | | | Towns..... | 17.28 | ..... | ..... | ..... | ..... | 17.28 |
| | | | Villages..... | ..... | ..... | ..... | ..... | ..... | 4.28 |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | 0.76 |
| | | | Totals..... | 17.28 | ..... | ..... | ..... | ..... | 22.32 |

* Included in State Route No. 9.
 * Included in State Route No. 4-a.
 * Included in State Route No. 10.
 * 0.31 mile included in State Route No. 9.
 * Original contract forfeited July 21, 1916. Work completed by Division Engineer.
 * Exclusive of villages.

¹ Included in State Route No. 9.

*** Included in State Route No. 4-a.**

• Included in State Route No. 10.

0.31 mile included in State Route

Original contract forfeited July 21, 1916.

• P=polynomial.

RESEARCH IN PROGRESS

DELAWARE COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|-------------------------|---|--------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 241 | | Delaware River Road. | | | | | | | |
| 363 | 83-A | Griffins Corners | Middletown | | Fleischmanns | 1.57 | 1.57 | | |
| 145 | 82 | Delaware River | Delhi | 1.00 | | | 1.00 | | |
| 1643 | 246 | Downesville | Walton | 4.20 | | | | | 4.20 |
| 2164 | 244 | Roxbury | Roxbury | 0.95 | | | 0.95 | | |
| 2173 | 245 | Grand Gorge | Roxbury | 1.00 | | | 1.00 | | |
| 2393 | 235 | Fleischmanns—Margaretville | Middletown | 4.95 | Fleischmanns | 0.01 | 4.96 | | |
| 747 | 445, 577 | Delhi—Bloomville | Delhi | 3.75 | | | 5.89 | | |
| 951 | 327 | Bovina Center—South | Kortright | 2.14 | | | | | |
| 952 | 2912, 2913 | Hobart—Stamford | Bovina | 2.37 | | | 2.37 | | |
| 982 | 2908, 2910, 2911 | Delhi—Andes | Stamford | 0.80 | Hobart, v. | 1.08 | 4.65 | | |
| | | | Harpersfield | 2.54 | Stamford, v. | 0.23 | | | |
| | | | Delhi | 5.51 | Delhi, v. | 0.81 | | | |
| | | | Bovina | 3.40 | | | 13.37 | | |
| 983 | 326 | Franklin—Treadwell, Part 1 | Andes | 2.11 | Andes, v. | 1.54 | | | |
| 1270 | 3111, 3119, V-945, 3580 | Meridale—Delhi | Franklin | 2.56 | | | 2.56 | | |
| 1271 | 3118, 3494 | Rock Rift—Colchester | Meridith | 4.09 | | | 7.69 | | |
| 1272 | 3117 | Colchester—Delaney | Delhi | 2.34 | Delhi, v. | 1.26 | | | |
| 1273 | 3116, 3392 | Downsville Hamlet: Main Street, Maple Avenue and Creamery St. | Walton | 10.24 | Walton, v. | 1.18 | 11.42 | | |
| | | | Hamden | 5.84 | | | | 5.84 | |
| 1439 | V-357, 3115, 3114 | Sidney—Masonville | Colchester | 2.50 | | | 2.50 | | |
| | | | Sidney | 1.87 | Sidney, v. | 0.70 | | | |
| | | | Masonville | 3.94 | | | | 6.51 | |

| | | | | | | | | | |
|----------|-------------------------------|--------------------------------|---|--|---------------|------------------|-------|-------|-------|
| 1440 | { V-372, 3113, 3396..... } | Franklin—Unadilla, Part 1..... | Franklin..... | 2.51 | Franklin..... | 0.88 | ..... | 3.39 | ..... |
| 1441 | V-371, 3112. | Delancy—Delhi..... | Delhi..... | 2.28 | Delhi..... | 2.03 | ..... | 4.31 | ..... |
| <hr/> | | | | | | | | | |
| | | Towns..... | 72.89 | ..... | ..... | ..... | 52.25 | 16.44 | 4.20 |
| | | Villages..... | ..... | ..... | ..... | 11.29 | 7.08 | 3.61 | ..... |
| | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <hr/> | | | | | | | | | |
| | | Totals..... | 72.89 | ..... | ..... | 11.29 | 59.93 | 20.05 | 4.20 |
| <hr/> | | | | | | | | | |
| 5045 | Route No. 4 | Section 11 | Deposit—Hales Eddy..... | Deposit..... | 2.67 | Deposit..... | 0.36 | 3.03 | ..... |
| 5167 | 4 | 9, 10 | Hales Eddy—Hancock..... | { Deposit..... Hancock..... } | 4.73 | ..... | ..... | 8.60 | ..... |
| 5177 * | 5 | 1 | Pine Hill—Griffin Corners..... | Middletown..... | 3.87 | ..... | ..... | ..... | ..... |
| 5246 * | 4 | 7 | Hancock—East Branch, Part 2..... | Hancock..... | 1.31 | Fleischmanns.. | 0.03 | 1.34 | ..... |
| 5338 | 4 | 12 | Windsor—Deposit..... | Deposit..... | 6.48 | ..... | ..... | 6.48 | ..... |
| 5338-A } | Pet. V-1079 | | | Deposit, v..... | ..... | 0.38 | ..... | 0.38 | ..... |
| 5340 * | 4 | 1-3 | East Branch—Sullivan Co. Line, Pt. 2 | Colchester..... | 6.84 | ..... | ..... | 6.84 | ..... |
| 5343 * | 5 | 9, 10 | Grand Gorge—Stamford—Harpers- field..... | { Roxbury..... Stamford..... Harpersfield..... } | 3.42 | ..... | ..... | ..... | ..... |
| | | | | Stamford, v..... | 1.18 | Stamford, v..... | 0.85 | 9.42 | ..... |
| | | | | Stamford, v..... | 3.48 | Stamford, v..... | 0.49 | ..... | ..... |

* Plans never approved by the Board of Supervisors. They are therefore void.

† Included in State Route No. 5.

‡ Not an approved system. Advertised but no proposals were within the appropriation.

§ 0.75 mile included in State Route No. 5.

¶ Part in Ulster county. Total length 3.64 miles.

* Original contract for 13.42 miles cancelled. 6.91 miles re-let as No. 5456.

† Total length 13.69 miles, part in Broome county. 0.38 mile in Delaware county cancelled and re-let as part of No. 5338-A.

‡ Original plans 7.99 miles; 1.15 miles included in No. 5338-A.

§ Part in Schoharie county. Total length 12.07 miles.

¶ Original title, Delhi—Middletown.

* Exclusive of villages.

DELAWARE COUNTY — Concluded

STATE HIGHWAYS.

| High- way No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|----------------------------|--------------|---------|---|-------------------|----------------------|------------------|-------------------------------------|--|--|
| 5383 ¹ 5383A | 4 | 4-6 | East Branch—Sullivan Line, Part 1..... | Hancock..... | 6.33 | ..... | ..... | 7.23 | ..... |
| | | | | Colchester..... | 0.90 | ..... | ..... | ..... |  |
| 5384 | 5 | 4 | Margaretville—Halcottville..... | Middletown..... | 5.05 | Margaretville, v | 1.08 | 6.13 | ..... |
| 5443 | 5 | 11, 12 | Harpersfield—Davenport Center... | Harpersfield..... | 2.91 | ..... | ..... | 14.42 | ..... |
| | | | | Kortright..... | 3.77 | ..... | ..... |  |  |
| 5450 | 5 | 5 | Halcottville—Roxbury..... | Davenport..... | 7.74 | ..... | ..... | 6.09 | ..... |
| | | | | Roxbury..... | 4.97 | ..... | ..... |  |  |
| 5455 ¹ | 5 | 13, 14 | Davenport Center—Oneonta..... | Middletown..... | 1.12 | ..... | ..... | 5.39 | ..... |
| 5455 ¹ | 4 | 8 | Hancock—East Branch, Part 1..... | Davenport..... | 5.39 | ..... | ..... | 5.39 | ..... |
| 5455 ¹ | 5 | 7 | Roxbury—Grand Gorge..... | Hancock..... | 4.77 | Hancock, v | 2.12 | 6.89 | ..... |
| 552 ¹ | 38 | 1, 2 | Grand Gorge—Greene County Line. | Roxbury..... | 5.66 | ..... | ..... | 5.66 | ..... |
| | | | | Roxbury..... | 3.90 | ..... | ..... | 3.90 | ..... |
| Towns..... | | | | | 86.49 | ..... | ..... | 86.49 | ..... |
| Villages..... |  |  |  |  | ..... | ..... | 5.31 | 5.31 | ..... |
| Cities..... |  |  |  |  | ..... | ..... | ..... | ..... | ..... |
| Totals..... | | | | | 86.49 | ..... | 5.31 | 91.80 | ..... |

DUTCHESS COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | |
|------|---------------|--------------------------------------|-----------------------------|----------------------|-------|------|-------|
| 135 | 175 | Violet Avenue..... | { Poughkeepsie..... 1.56 | ..... | ..... | 3.34 | ..... |
| 222 | 239 | Hughsonville..... | { Hyde Park..... 1.78 | ..... | ..... | 3.47 | ..... |
| 223* | 238 | South..... | Wappinger..... 3.47 | ..... | ..... | 3.90 | ..... |
| 343* | 443 | Pawling—Patterson..... | Poughkeepsie..... 3.90 | ..... | ..... | 2.23 | ..... |
| 344 | 444 | Millerton—Northeast Center..... | Pawling..... 2.23 | ..... | ..... | 1.78 | ..... |
| 432* | 776 | Rhinebeck—Hyde Park..... | Northeast..... 1.78 | ..... | ..... | 3.26 | ..... |
| 453* | 735 | Poughkeepsie—Hyde Park..... | Rhinebeck..... 3.26 | ..... | ..... | 4.00 | ..... |
| 534 | 774 | Northeast Center—Sharon Station..... | Hyde Park..... 4.00 | ..... | ..... | 3.65 | ..... |
| 537* | 772 | Amenia—Wassaic..... | Northeast..... 3.65 | ..... | ..... | 4.83 | ..... |
| 549 | 829, 830, 831 | Poughkeepsie—Pleasant Valley..... | Amenia..... 4.83 | ..... | ..... | 6.92 | ..... |
| 550 | 175, 914 | Violet Avenue—East Park..... | { Poughkeepsie..... 5.97 | ..... | ..... | 1.99 | ..... |
| 551 | 1122 | Fishkill—Hughsonville..... | { Pleasant Valley..... 0.91 | Pleasant Valley 0.04 | ..... | 2.91 | ..... |
| 552* | 775 | Rhinebeck—Elizaville..... | Hyde Park..... 1.99 | ..... | ..... | 5.54 | ..... |
| 567* | 812 | Mattewan—Wicopee..... | Fishkill..... 2.91 | ..... | ..... | 4.68 | ..... |
| 568 | 827 | Millbrook—Lithgow..... | Red Hook..... 5.54 | ..... | ..... | 4.40 | ..... |
| 609 | 828 | Washington Hollow—Millbrook..... | Fishkill..... 4.68 | ..... | ..... | 1.63 | ..... |
| 612* | 773 | Pawling—Dover Town Line..... | Washington..... 4.40 | ..... | ..... | 2.92 | ..... |
| | | | Washington..... 1.63 | ..... | ..... |  | ..... |
| | | | Pawling..... 2.92 | ..... | ..... |  | ..... |

* Original contract for 2.12 miles cancelled. Plans changed to 7.23 miles and re-let as No. 5383-A.

* Part in Otsego county. Total length 7.89 miles.

* Included in State Route No. 2.

* Included in State Route No. 1.

* 4.16 miles included in State Route No. 1.

* Original contract 5.71 miles. 5.68 miles constructed.

* Exclusive of villages.

DUTCHESS COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|--------------|--|----------------------|-----------------|-----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 627 | 913..... | Wicopee—Beekman..... | East Fishkill..... | 8.13 | ..... | ..... | 8.13 | ..... | ..... |
| 628 | 813..... | Rock City—Lafayetteville..... | Millan..... | 4.06 | ..... | ..... | 4.06 | ..... | ..... |
| 629 ¹ | 1023..... | Casper Creek—Wappinger Falls..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 709 | 1026, V-105. | Millerton—County Line..... | Northeast..... | 3.78 | Millerton, v..... | 0.91 | 4.69 | ..... | ..... |
| 710 ² | 1032..... | Red Hook—Rhinebeck..... | Rhinebeck..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 711 ³ | 1170..... | Wassaic—Dover..... | Amenia..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 712 | 1131..... | Amenia—Sharon Station..... | Amenia..... | 2.29 | ..... | ..... | 2.29 | ..... | ..... |
| 748 ⁴ | V-107, 829.. | Pleasant Valley—Washington Hollow..... | Pleasant Valley..... | 3.97 | Pleasant Val., v..... | 1.51 | 5.48 | ..... | ..... |
| 895 | V-38..... | Fishkill Village..... | Fishkill..... | ..... | Fishkill, v..... | 0.89 | 0.89 | ..... | ..... |
| 1006 | 1024..... | Lithgow—Amenia..... | Washington..... | 1.55 | ..... | ..... | 2.97 | ..... | ..... |
| 1007 | 1025..... | Millerton—Indian Pond..... | Amenia..... | 1.42 | ..... | ..... | ..... | ..... | ..... |
| 1051 | V-146, 3071. | Matteawan Village..... | Northeast..... | 2.06 | Millerton, v..... | 0.66 | 2.72 | ..... | ..... |
| 1114 | V-104..... | Millbrook Village..... | Washington..... | ..... | Beacon, c..... | 1.23 | 1.23 | ..... | ..... |
| 1162 ⁶ | 3120..... | Stonehouse—Stormville..... | Beekman..... | 5.16 | Millbrook, v..... | 3.02 | 3.02 | ..... | ..... |
| 1163 ⁶ | 3145..... | Putnam County Line—Stonehouse..... | Pawling..... | 6.18 | ..... | ..... | 5.16 | ..... | ..... |
| 1235 ⁷ | 2393, 2900.. | Fishkill Plains—East Fishkill..... | East Fishkill..... | 5.30 | ..... | ..... | ..... | 6.18 | ..... |
| 1312 ⁸ | 3142, 3618.. | Barrytown—Red Hook—Rock City..... | Red Hook..... | 5.52 | Red Hook, v..... | 1.08 | 5.30 | ..... | ..... |
| 1313 | 2560, 2616.. | Lafayetteville—Pine Plains—Winchell, Part 1..... | Millan..... | 0.21 | ..... | ..... | ..... | 6.81 | ..... |
| | | | Millan..... | 2.29 | ..... | ..... | ..... | 6.88 | ..... |
| | | | Pine Plains..... | 4.57 | ..... | ..... | ..... | ..... | ..... |

| | | | | | | | | | |
|------|--------------|-----------------------------------|--------|-------|-----------------|-------|--------|-------|-------|
| 1314 | 2616..... | Lafayetteville—Pine Plains — Win- | | | | | | | |
| | | chell, Part 2..... | | 5.36 | ..... | ..... | 5.36 | ..... | ..... |
| 1412 | V-254, 3272. | Wappinger Falls Village..... |  | ..... | Wappinger Falls | 0.57 | 0.57 | ..... | ..... |
| | | | | | | | | | |
| | | Towns..... | 123.86 | ..... | ..... | ..... | 105.09 | 18.77 | ..... |
| | | Villages..... | ..... | ..... | ..... | 8.68 | 7.60 | 1.08 | ..... |
| | | Cities..... | ..... | ..... | ..... | 1.28 | 1.28 | ..... | ..... |
| | | Totals..... | 123.86 | ..... | ..... | 9.96 | 113.97 | 19.85 | ..... |

| STATE HIGHWAYS. | | Section Route No. | | | | | |
|-----------------|--------------|-------------------------|-------------------------------------|-------------------------------------|-----------------|------------------|------|
| 5009 | 1 | 2 | Pawling Village..... | Pawling..... | Pawling, v..... | 1.67 | 1.67 |
| 5050 | 2 | 4 | Casper Creek—Wappinger Falls... | Poughkeepsie..... | 2.14 | ..... | 2.14 |
| 5092 | { 2 11, 12 } | | Red Hook—Rhinebeck..... | Rhinebeck..... | 2.50 | Rhinebeck, v.. | 1.65 |
| | Pet. V-1025 | | | | | | 4.15 |
| 5095 | { 2 14 } | | Red Hook Village..... | Red Hook..... | ..... | Red Hook, v... | 1.33 |
| 5135 | { 2 9 } | | Hyde Park—Staatsburg..... | Hyde Park..... | 5.22 | ..... | 5.22 |
| 5150 | { 2 1 } | | Peekskill—Fishkill, Part 5..... | Fishkill..... | 3.31 | Fishkill, v..... | 0.34 |
| | Pet. V-1029 | | | | | | 3.65 |
| 5154 | 2 | 2 | Fishkill Village—Wappinger Falls... | { Fishkill..... Wappinger..... } | 0.80 | Fishkill, v..... | 0.20 |
| | | | | | 3.17 | Wappinger F'ls. | 0.64 |
| | | | | | | | 4.81 |

¹ Constructed as State Highway No. 5050 on Route No. 2.

* Constructed as State Highway No. 5092 on Route No. 2.

* Constructed as State Highway No. 5460 on Route No. 1.

⁴Original contract 5.46 miles; 0.03 mile additional built under supplemental agreement.

Original contract forfeited May 1, 1916.

Original contract forfeited August 22, 1916.

⁷ Original contract 5.44 miles, reduction due to change in alignment.

*** Exclusive of villages.**

DUTCHESS COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|-------------------------------|---------|--|---|----------------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5326 | 1 | 3 | Dover Plains—Pawling Town Line, Part 2..... | Dover..... | 3.93 | ..... | ..... | 3.93 | ..... | ..... |
| 5460 | 1 | 4 | Wassic—Dover Plains—Pawling Town Line, Part 1..... | Amenia..... Washington..... Dover..... | 3.56 0.52 6.79 | ..... | ..... | 10.87 | ..... | ..... |
| 5484 | 1 | 6 | Delavergne Hill—Amenia..... | Amenia..... | 2.09 | ..... | ..... | 2.09 | ..... | ..... |
| 5489 | { 2 6, 7 Pet. V-117-A } | | Poughkeepsie City: South Avenue and Washington Street..... | ..... | ..... | Poughkeepsie, c | 0.79 | 0.79 | ..... | ..... |
| 5549 | { 2 3 Pet. V-1159 } | | Wappinger Falls Village: Main Street..... | Poughkeepsie..... Wappinger..... | ..... | Wappinger F'ls. | 0.68 | 0.88 | ..... | ..... |
| 5580 | 1 | 7-8 | Amenia—Pine Plains, Part 1..... | Amenia..... Northeast..... Northeast..... | 3.45 3.52 2.05 | ..... | ..... | ..... | 6.97 | ..... |
| 5628 | 1 | 9, 10 | Amenia—Pine Plains, Part 2..... | Pine Plains..... | 4.74 | ..... | ..... | ..... | 6.79 | ..... |
| | | | | Towns..... | 47.79 | ..... | ..... | 34.03 | 13.76 | ..... |
| | | | | Villages..... | ..... | ..... | 6.71 | 6.71 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | 0.79 | 0.79 | ..... | ..... |
| | | | | Totals..... | 47.79 | ..... | 7.50 | 41.53 | 13.76 | ..... |

SPECIAL HIGHWAYS.

| | | | | | | | |
|------------|---------------------|-------------------|------|------|------|------|------|
| 9003 | State Hospital..... | Poughkeepsie..... | 1.46 | .... | .... | 1.46 | .... |
| 9004 | Vanderbilt..... | Hyde Park..... | 0.83 | .... | .... | 0.83 | .... |
| Towns..... | | | 2.29 | .... | .... | 2.29 | .... |

ERIE COUNTY

COUNTY HIGHWAYS.

| Petition No. | | | | | | | |
|-----------------|--------------|---------------------------|-------|-------|-------------------|------|-------|
| 2 | 1, 2176..... | Buffalo—Hamburg..... | ..... | ..... | Lackawanna, c. | 1.87 | ..... |
| 23 | 59..... | River..... | 4.61 | ..... | Hamburg..... | 6.48 | ..... |
| 27 | 112..... | Orchard Park, Part 1..... | 1.45 | ..... | Tonawanda..... | 1.45 | ..... |
| 66 | 112..... | Orchard Park, Part 2..... | 1.15 | ..... | East Hamburg..... | 1.15 | ..... |
| 67 ⁴ | 112..... | Orchard Park, Part 3..... | 0.95 | ..... | East Hamburg..... | 0.95 | ..... |
| 68 | 112, 2177... | Orchard Park, Part 4..... | 0.59 | ..... | East Hamburg..... | 3.41 | ..... |
| 69 ² | 2, 6..... | Main Street, Part 1..... | 2.82 | ..... | West Seneca..... | 1.17 | ..... |
| 86 ² | 5..... | Big Tree..... | 1.19 | ..... | Amherst..... | 3.42 | ..... |
| 87 ² | 2, 6..... | Main Street, Part 2..... | 2.81 | ..... | Aurora..... | 4.00 | ..... |
| 88 | 128..... | Transit, Part 1..... | 1.93 | ..... | Wales..... | 1.93 | ..... |
| | | | 2.14 | ..... | Amherst..... | 4.28 | ..... |
| | | | 2.14 | ..... | Clarence..... | .... | ..... |
| | | | 2.14 | ..... | Amherst..... | .... | ..... |

* Included in State Route No. 6.

* 0.27 mile included in State Route No. 19.

* 0.68 mile included in State Route No. 17.

* Exclusive of villages.

ERIE COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-------------------------|---------------------------------|--------------------------------|----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 89 | 128 | Transit, Part 2 | { Amherst. Clarence. | 2.03 2.03 | ..... | ..... | 4.06 | ..... | ..... |
| 128 ⁴ | 202 | Aurora—Buffalo, Part 1 | West Seneca | 5.57 | ..... | ..... | 5.57 | ..... | ..... |
| 129 | 224 | River, Parts 2 and 3 | Tonawanda | 3.02 | ..... | ..... | 3.02 | ..... | ..... |
| 130 ³ | 2, 6 | Main Street, Part 3 | Clarence | 5.63 | ..... | ..... | 5.63 | ..... | ..... |
| 131 ³ | 6 | Main Street, Part 4 | { Clarence. Newstead. | 0.60 5.98 | ..... | ..... | 6.58 | ..... | ..... |
| 263 ³ | 248 | Aurora—Buffalo, Part 2 | Elma | 4.23 | ..... | ..... | 4.23 | ..... | ..... |
| 264 ³ | 334 | Aurora—Buffalo, Part 3 | Aurora | 0.74 | ..... | ..... | 0.74 | ..... | ..... |
| 272 | 249 | Orchard Park, Part 5 | East Hamburg | 1.21 | ..... | ..... | 1.21 | ..... | ..... |
| 371 ³ | 583 ³ , 2178 | Clinton Street, Part 1 | { Cheektowaga. West Seneca. | 0.41 4.65 | ..... | ..... | 5.06 | ..... | ..... |
| 372 ³ | 584 | Clinton Street, Part 2 | Elma | 6.14 | ..... | ..... | 6.14 | ..... | ..... |
| 373 | 586 | Goodrich | Clarence | 8.76 | ..... | ..... | 8.76 | ..... | ..... |
| 522 | 585 | Clarence—Hunts Corners | Clarence | 4.74 | ..... | ..... | 4.74 | ..... | ..... |
| 523 | 587 | Hamburg—North Collins | { Hamburg. Eden. | 1.24 7.62 | ..... | ..... | 8.86 | ..... | ..... |
| 524 | 680 | North Collins—Lawton | North Collins | 4.26 | N. Collins, v... | 1.14 | 5.42 | ..... | ..... |
| 525 ⁷ | 726 | Lawton—Gowanda | Collins | 0.02 | ..... | ..... | 3.25 | ..... | ..... |
| 525-A | 726 | Lawton—Gowanda State Farm | Collins | 3.25 | ..... | ..... | 0.59 | ..... | ..... |
| 525-B | 726 | Lawton—Gowanda | Collins | 0.59 | ..... | ..... | 0.28 | ..... | ..... |
| 526 | 727 | Collins—Mortons Corners, Part 1 | Collins | 0.28 | ..... | ..... | 3.96 | ..... | ..... |

| | | | | | | | |
|------------------|--------------------------------|---|------------------------------------|-------|-------------------|-------|-------|
| 527 | 588..... | Hamburg—Springville, Part 1..... | { Hamburg Boston..... | 2.06 | ..... | 9.47 | ..... |
| 528 | 725..... | Hamburg—Springville, Part 2..... | Concord..... | 7.41 | ..... | 7.34 | ..... |
| 529 ¹ | 679, 720.... | Alden Town Line—Marilla..... | { Alden..... Marilla..... | 3.55 | ..... | 6.02 | ..... |
| 530 | 4..... | Base Line—Grand Island, Part 1.... | Grand Island..... | 2.47 | ..... | 1.81 | ..... |
| 531 | 4..... | Base Line—Grand Island, Part 2.... | Grand Island..... | 2.59 | ..... | 2.59 | ..... |
| 532 | 4..... | Base Line—Grand Island, Part 3.... | Grand Island..... | 1.87 | ..... | 1.87 | ..... |
| 584 | 721..... | Skinner'sville—New Home Bridge.... | Amherst..... | 7.96 | ..... | 7.96 | ..... |
| 642 | { 590, 591.... 592, 599.... | Angola—Evans Center..... | Evans..... | 2.70 | ..... | 6.90 | ..... |
| 644 | 1864..... | Angola—Brant—Farnham..... | Brant..... | 4.20 | ..... | 0.73 | ..... |
| 645 | 1853, 1854.. | Alden Town Line, Part 2..... | Alden..... | 0.73 | ..... | 4.62 | ..... |
| 750 | 1844..... | Orchard Park—Griffin Mills, Parts 1 and 2..... | { East Hamburg..... Aurora..... | 3.17 | ..... | 5.94 | ..... |
| 751 | 1875..... | Clarence Center..... | Clarence..... | 5.94 | ..... | 7.03 | ..... |
| 862 | V-31..... | Aurora—Glenwood, Part 2..... | Colden..... | 7.03 | ..... | 0.97 | ..... |
| 863 | 1, V-28.... | Hamburg Village..... | Hamburg..... | ..... | Hamburg, v..... | 1.04 | ..... |
| 866 | 1855..... | Blasdel Village..... | Hamburg..... | ..... | Blasdel, v..... | 2.01 | ..... |
| 913 | 1837..... | Aurora—Glenwood, Part 1..... | Aurora..... | 2.01 | ..... | 1.82 | ..... |
| 914 | 1862..... | Ellicott Creek..... | Tonawanda..... | 1.82 | ..... | 3.63 | ..... |
| 915 | V-71..... | Broadway—Depew..... | Cheektowaga..... | 3.63 | ..... | 1.46 | ..... |
| | | Lancaster Village..... | Lancaster..... | ..... | Lancaster, v..... | ..... | ..... |

¹ 2.46 miles included in State Route No. 19.

² Included in State Route No. 6.

³ Included in State Route No. 17.

⁴ 4.12 miles included in State Route No. 17.

⁵ Original contract called for 5.23 miles in West Seneca. 0.37 mile at R. R. omitted. All included in State Route No. 19.

⁶ Included in State Route No. 19.

⁷ Original contract 4.00 miles. 3.27 miles built, of which .02 mile was rebuilt as No. 525-B.

⁸ Exclusive of villages.

ERIE COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|--------------------|--------------|---|-------------------|---------------|-------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 916 | 1862, V-70. | Depew Village..... | { Cheektowaga | ..... | Depew, v..... | 1.59 | 2.30 | ..... | ..... |
| 917 | 1863..... | Lancaster-Alden..... | { Lancaster | ..... | Depew, v..... | 0.71 | 4.11 | ..... | ..... |
| 924 } 924-A } | 1859..... | Wales Center-Wales..... | Wales..... | 6.03 | ..... | ..... | ..... | 6.03 | ..... |
| 925 | 2914..... | Jamison—East Elma..... | { Elma..... | 4.21 | ..... | ..... | 5.39 | ..... | ..... |
| 947 | 1845, V-74.. | Akron—Tonawanda Creek (and Akron—South Newstead)..... | { Marilla..... | 1.18 | ..... | ..... | ..... | ..... | ..... |
| 989 | 3056, 3062.. | Springville Village..... | Newstead..... | 8.93 | Akron, v..... | 1.21 | 10.14 | ..... | ..... |
| 990 | V-12, 3051.. | Angola Village..... | Concord..... | ..... | Springville, v... | 2.25 | 2.25 | ..... | ..... |
| 991 | 3037..... | East River..... | Evans..... | ..... | Angola, v..... | 1.04 | 1.04 | ..... | ..... |
| 1034 | 3053, 3054.. | Chafee—Sardinia..... | Grand Island..... | 4.64 | ..... | ..... | 4.64 | ..... | ..... |
| 1035 } 1035-A } | 1879..... | Holland—Glenwood, Part 1..... | Sardinia..... | 4.20 | ..... | ..... | 4.20 | ..... | ..... |
| 1036 | 1839..... | Tonawanda Creek, Part 4..... | Holland..... | 3.11 | ..... | ..... | 3.11 | ..... | ..... |
| 1037 } 1037-A } | V-166, 3055. | Gowanda Village..... | Clarence..... | 3.77 | ..... | ..... | 3.77 | ..... | ..... |
| 1038 | 724..... | Water Valley—Clarksburg, Part 1.. | Collins..... | ..... | Gowanda, v.... | 1.11 | 1.11 | ..... | ..... |
| 1063 | 2990, 2991.. | Tonawanda City: Niagara and Elliott Streets..... | Eden..... | 2.89 | ..... | ..... | 2.89 | ..... | ..... |
| 1064 | 2444, 3041.. | Tonawanda Creek—Hunts Corners. | Clarence..... | 4.03 | Tonawanda, e.. | 2.55 | 2.55 | ..... | ..... |
| 1065 | V-153, 2222. | Alden Village..... | Alden..... | ..... | Alden, v..... | 1.66 | 1.66 | ..... | ..... |

| | | | | | | | |
|-------------------|----------------------------|---|-------------------------------------|-------|-------------------|-------|-------|
| 1066 | 1849, 1850, V 225..... | Orchard Park—East Aurora..... | { East Hamburg..... Aurora..... | 2.89 | ..... | 6.56 | ..... |
| 1067 | 3050..... | Athol Springs—Hamburg..... | { Aurora..... Hamburg..... | 3.11 | East Aurora, v. | 0.56 | ..... |
| 1124 | 1894..... | Cattaraugus Creek, Part 1..... | Concord..... | 3.76 | Hamburg, v.... | 0.32 | 4.08 |
| 1212 ⁶ | 1847..... | Genesee Street, Part 1..... | Cheektowaga..... | 0.75 | ..... | ..... | 0.75 |
| 1213 | 1860..... | Genesee Street, Part 2..... | Lancaster..... | 5.40 | ..... | ..... | 5.40 |
| 1214 | 1861..... | Genesee Street, Part 3..... | Alden..... | 6.22 | ..... | ..... | 6.22 |
| 1289 | 3520, V-332 | E. Aurora Village: E. Main Street..... | Aurora..... | 5.89 | ..... | ..... | 5.89 |
| 1304 ⁴ | 3571..... | Farnham Village: Commercial Street..... | Brant..... | ..... | E. Aurora, v.... | 0.34 | 0.34 |
| 1333 | 727, 728.... | Collins Center—Springville..... | { Collins..... Concord..... | 4.02 | Farnham, v.... | 1.17 | 1.17 |
| | | | Amherst..... | 5.12 | ..... | ..... | 9.14 |
| 1334 ⁵ | 1841, 1842, V-354, 3633 | Transit, Part 4..... | { Clarence..... Cheektowaga..... | 0.48 | ..... | ..... | ..... |
| | | | Lancaster..... | 0.30 | ..... | ..... | ..... |
| | | | Eden..... | 0.79 | Depew, v.... | 0.83 | 0.61 |
| | | | Hamburg..... | 0.97 | Depew, v.... | 0.88 | 3.69 |
| 1335 | 3614, 3620.. | East Eden—Hamburg..... | { Eden..... Hamburg..... | 3.17 | ..... | ..... | 4.52 |
| 1336 | 3038..... | West River..... | Grand Island..... | 1.06 | Hamburg, v.... | 0.29 | ..... |
| 1443 | 3058..... | North Collins—Langford..... | North Collins..... | 5.19 | ..... | ..... | 5.19 |
| 1444 | 2557, 3677.. | Hunts Corners—Akron..... | { Clarence..... Newstead..... | 4.71 | N. Collins, v.... | 0.38 | 5.09 |
| 1445 | 1869..... | East Aurora—Lancaster, Part 2..... | Elma..... | 0.53 | ..... | ..... | 3.75 |
| 1446 | 1346..... | South Newstead—Peters Corners..... | Alden..... | 3.22 | ..... | ..... | ..... |
| | | | | 3.54 | ..... | ..... | 3.54 |
| | | | | 0.91 | ..... | ..... | 0.91 |

¹ Original contract cancelled. Re-let as No. 1035-A.

² Original contract cancelled. Re-let as No. 924-A.

³ 0.39 mile of original contract cancelled for elimination of grade crossing. Re-let as No. 1037-A.

⁴ Original contract forfeited October 10, 1916.

⁵ 3.18 miles forfeited June 1, 1916, and being completed as No. 1334-A. 1.12 miles cancelled and re-let as No. 1334-B, of which 0.61 mile was accepted under the Hewitt Act.

⁶ Actual length built, 5.89 miles. 0.01 mile additional (concrete bridge) built by town.

⁷ Exclusive of villages.

ERIE COUNTY — Concluded

COUNTY HIGHWAYS.

| High-Way No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles applied under contract |
|---------------|------------------|--------------------------|-------------------------|----------------|-----------------|--------------------------|-----------------|------------------------------|
| 1447 | { 3059, V-3058 } | Brant—North Collins | { Brant—North Collins } | 4.13 | N. Collins, v. | 0.37 | 4.50 | ..... |
| 1491 | 2559, 3044.. | Marilla—Marilla Station | Marilla | 0.74 | ..... | ..... | 2.97 | ..... |
| 1492 | 3039..... | Ellicott Creek—Getaville | Amherst | 2.90 | ..... | ..... | 2.90 | ..... |
| 1493 | 1843..... | Transit—Wolcottsburg | Clarence | 3.02 | ..... | ..... | 3.02 | ..... |
| 1494 | 3694..... | Lancaster—Clinton Street | { Lancaster—Elma } | 1.50 0.35 | Lancaster, v. | 0.49 | ..... | 2.34 |
| Totals..... | | | | 297.07 | ..... | ..... | 258.36 | 6.30 |
| Villages..... |  |  |  | ..... | ..... | 19.86 | 17.24 | 2.13 |
| Cities..... |  |  |  | ..... | ..... | 4.42 | 4.42 | ..... |
| Totals..... | | | | 297.07 | ..... | 24.28 | 280.02 | 34.54 |

STATE HIGHWAYS.

| Route No. | Section | Highway | Miles |
|-----------|-----------------------|----------------------------------|-------|
| 5019 | 18 | 7 Lake Shore—Lackawanna City | 1.87 |
| 5054 | 18 | 5 Evans | 0.95 |
| 5061 | 6 | 4 Eighteen Mile Creek | 1.00 |
| 5071 | { 18 Pet. V-1137 } | 4 Williamsburg Village | 1.08 |
| 5172 | 18 | 8 Lackawanna City, South | 2.61 |
| | | 13 Tonawanda | 2.92 |
| | | 13 Niagara Falls—Buffalo, Part 4 | 1.83 |

| | | | | | | | | | |
|------|---------------|------|---|----------------------------------|-------|-----------------|-------|-------|-------|
| 5193 | 18 | 12 | Niagara Falls—Buffalo, Part 5..... | Amherst..... | 1.42 | ..... | ..... | 2.84 | ..... |
| 5317 | { 17 | 4 | { East Aurora—Holland, Part 1..... | { Tonawanda..... | 1.42 | ..... | ..... | ..... | ..... |
| 5407 | { Pet. V-1054 | | | Aurora..... | 3.52 | East Aurora, v. | 0.72 | 4.97 | ..... |
| | 18 | 6 | Athol Springs—Walden Cliffs..... | Wales..... | 0.73 | ..... | ..... | ..... | ..... |
| 5433 | { 17 | 6 | { East Aurora Village: Main Street... Pet. V-1171 | Hamburg..... | 5.87 | ..... | ..... | 5.87 | ..... |
| | | | | Aurora..... | ..... | East Aurora, v. | 0.88 | 0.88 | ..... |
| 5453 | 17 | 3 | East Aurora—Holland, Part 2..... | Wales..... | 0.62 | ..... | ..... | 4.52 | ..... |
| 5546 | 18 | 4 | Eighteen Mile Creek—Evans Center | Holland..... | 3.90 | ..... | ..... | ..... | ..... |
| 5550 | 17 | 7 | Aurora—Buffalo, Part 4..... | Evans..... | 4.48 | ..... | ..... | 4.48 | ..... |
| 5600 | 18 | 1 | Farnham—Irving..... | Aurora..... | ..... | East Aurora, v. | 0.59 | 0.59 | ..... |
| | | | | Brant..... | 0.75 | Farnham, v.... | 0.07 | 2.11 | ..... |
| 5623 | 17 | 2 | Holland—Yorkshire, Part 1..... | Catt. Indian Res... Holland..... | 1.29 | ..... | ..... | ..... | 5.19 |
| 5634 | 18 | 2, 3 | Evans Center—Farnham..... | Sardinia..... | 1.66 | ..... | ..... | ..... | ..... |
| 5635 | 19 | 7 | Marilla—Wales Center..... | Evans..... | 3.79 | ..... | ..... | ..... | 5.27 |
| | | | | Brant..... | 0.80 | Farnham..... | 0.67 | ..... | ..... |
| | | | | Marilla..... | 4.72 | ..... | ..... | ..... | 5.78 |
| | | | | Wales..... | 1.06 | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 46.97 | ..... | ..... | 31.41 | 5.19 |
| | | | | Villages..... | ..... | ..... | 4.01 | 3.84 | 0.87 |
| | | | | Cities..... | ..... | ..... | 1.94 | 1.94 | ..... |
| | | | | Totals..... | 46.97 | ..... | 5.95 | 36.69 | 5.19 |
| | | | | | | | | | |

* Exclusive of villages.

ESSEX COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|------------------------|--|------------------------------|-----------------|---------------------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 232 | 297 | Old State | Chesterfield | 2.64 | ..... | ..... | 2.64 | ..... | ..... |
| 658 ¹ | 1666, 2274. | County Line—Alden Lair, Part 1. | Minerva | 3.64 | ..... | ..... | 3.64 | ..... | ..... |
| 744 | 1660 | Port Henry—Westport, Part 2. | Westport | 3.77 | ..... | ..... | 3.77 | ..... | ..... |
| 745 ² | 1638 | Taylor—Schroon Lake Village | Schroon | 5.46 | ..... | ..... | 5.46 | ..... | ..... |
| 766 ¹ | 1668 | Alden Lair—Newcomb, Part 2. | Newcomb | 7.03 | ..... | ..... | 7.03 | ..... | ..... |
| 821 | 1673, 2659. | Saranac Lake—Bloomingtondale. | St. Armand | 5.50 | ..... | ..... | 5.50 | ..... | ..... |
| 841 | 1658 | Crown Point—Port Henry | { Crown Point. Moriah | 2.23 2.22 | ..... | ..... | 4.45 | ..... | ..... |
| 859 ⁴ | V-15 | Keeseeville Village | Chesterfield | ..... | Keeseeville, v. | 0.57 | 0.57 | ..... | ..... |
| 891 | { 1657, 2752, 2861 | Ticonderoga—Crown Point | Ticonderoga | 5.99 | ..... | ..... | 5.99 | ..... | ..... |
| 929 | 2902, 2903. | Saranac Lake Village—Bloomingtondale Village | { St. Armand. St. Armand | ..... | Saranac Lake, v Bloomingtondale, v | 0.48 0.96 | 1.44 | ..... | ..... |
| 1017 | { V-114, 1659, 1660 | Port Henry—Westport | { Moriah Westport | 4.07 0.31 | Port Henry, v. | 1.74 | 6.12 | ..... | ..... |
| 1176 | 2862 | Ticonderoga—Crown Point, Part 2. | Crown Point | 4.67 | ..... | ..... | 4.67 | ..... | ..... |
| 1177 | 1652 | Ray Brook—Lake Placid | North Elba | 4.98 | Lake Placid, v. | 0.36 | 5.34 | ..... | ..... |
| 1178 | 1653 | Saranac Lake—Ray Brook | North Elba | 2.37 | Saranac Lake, v | 1.46 | 3.83 | ..... | ..... |
| 1285 | 1661 | Westport—Wadhams Mills | Westport | 3.31 | ..... | ..... | 3.31 | ..... | ..... |
| 1286 | ..... | Gabriels—Bloomingtondale, Part 2. | St. Armand | ..... | Bloomingtondale, v | 0.52 | 0.52 | ..... | ..... |
| 1410 | V-292, 3356. | Westport Village: Main Street | Westport | ..... | Westport, v | 1.76 | 1.76 | ..... | ..... |
| 1411 | 1661, 3454. | Wadhams Mills—Whallonsburg | { Westport. Essex | 2.10 2.85 | ..... | ..... | ..... | ..... | 4.95 |
| 1496 | 3752, 3529, 3753 | Westport—Elisabethtown | { Westport. Elisabethtown | 3.84 3.01 | Westport, v. Elisabethtown. | 1.32 0.68 | ..... | ..... | 8.85 |

1511 V-351, 3784. Lake Placid Village: Main Street and
Saranac Avenue.....

| North Elba..... | Lake Placid.... | 1.09 | ..... | 1.09 |
|-----------------|-----------------|-------|-------|-------|
| Towns.... | 69.99 | ..... | 53.19 | 11.80 |
| Villages.... | ..... | 10.94 | 7.85 | 3.09 |
| Cities..... | ..... | ..... | ..... | ..... |
| Totals.... | 69.99 | 10.94 | 66.04 | 14.89 |

STATE HIGHWAYS.

| Route No. | Section | | | | | | | | |
|--------------------|---------|-------|----------------------------------|----------------------|------|-----------------|-------|-------|-------|
| 5011 | 22 | 20 | Ausable Forks—Jay..... | Jay..... | 3.45 | ..... | 3.45 | ..... | ..... |
| 5117 | 22 | 9, 10 | Euba Mills—New Russia..... | Elizabethtown..... | 6.00 | ..... | 6.00 | ..... | ..... |
| 5179 } 5179-A } | 22 | 2, 3 | Schroon Lake—North Hudson, Pt. 1 | Schroon..... | 6.78 | ..... | 6.78 | ..... | ..... |
| 5180 | 22 | 4, 5 | Schroon Lake—North Hudson, Pt. 2 | North Hudson..... | 5.39 | ..... | 5.39 | ..... | ..... |
| 5181 | 22 | 6, 7 | North Hudson—Euba Mills, Part 1. | North Hudson..... | 3.94 | ..... | 3.94 | ..... | ..... |
| 5182 | 22 | 8 | North Hudson—Euba Mills, Part 2. | { North Hudson..... | 4.57 | ..... | 5.29 | ..... | ..... |
| | | | | { Elizabethtown..... | 0.72 | ..... | ..... | ..... | ..... |
| 5183 | 22 | 11 | New Russia—Elizabethtown..... | Elizabethtown..... | 3.55 | Elizabethtown.. | 0.15 | 3.70 | ..... |
| 5184 | 22 | 19 | Ausable Forks—Jay, Part 2..... | Jay..... | 2.54 | ..... | ..... | 2.54 | ..... |
| 5186 | 25 | 7, 8 | Minerva—Aiden Lair..... | Minerva..... | 6.33 | ..... | ..... | 6.33 | ..... |
| 5187 | 25 | 5, 6 | Aiden Lair—Newcomb, Part 1..... | Minerva..... | 5.69 | ..... | ..... | 5.69 | ..... |
| 5188 | 25 | 1, 2 | Newcomb—Long Lake, Part 1..... | Newcomb..... | 4.63 | ..... | ..... | 4.63 | ..... |
| 5235 | 22 | 18 | Jay—Upper Jay..... | Jay..... | 3.69 | ..... | ..... | 3.69 | ..... |

¹ Included in State Route No. 25.

² Included in State Route No. 22.

³ Original contract cancelled. Re-let as No. 5179-A.

⁴ Total length 1.24 miles, part in Clinton county.

⁵ Exclusive of villages.

ESSEX COUNTY — Concluded

| High- way No. | Route No. | Sec- tion | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|---------------------|--------------|--------------|---------------------------------------|--------------------|---------------------|------------------|-------------------------------------|-------------------------|--|--|
| 5236 | 22 | 16, 17 | Upper Jay—Keene..... | { Jay..... | 2.25 | ..... | ..... | 6.06 | ..... | ..... |
| | | | | { Keene..... | 3.81 | ..... | ..... | ..... | ..... | ..... |
| 5238 | 22 | 14, 15 | Elizabethtown—Keene, Part 2..... | Keene..... | 6.21 | ..... | ..... | 6.21 | ..... | ..... |
| 5239 | 22 | 12, 13 | Elizabethtown—Keene, Part 1..... | Elizabethtown..... | 4.82 | Elizabethtown.. | 1.36 | 6.18 | ..... | ..... |
| 5311 ¹ | 22 | 21 | Plattsburg—Ausable Chasm, Part 2..... | Chesterfield..... | 1.57 | ..... | ..... | 1.57 | ..... | ..... |
| 5500 | 22-A | 1 | Jay—Lake Placid, Part 2..... | { Wilmington..... | 0.63 | ..... | ..... | ..... | ..... | ..... |
| | | | | { North Elba..... | 6.37 | Lake Placid, v.. | 0.18 | 7.18 | ..... | ..... |
| 5540 | 22-A | 2, 3 | Jay—Lake Placid, Part 1..... | { Jay..... | 1.90 | ..... | ..... | ..... | ..... | ..... |
| | | | | { Wilmington..... | 8.26 | ..... | ..... | 10.16 | ..... | ..... |
| 5541 | 22-B | 5, 6 | Schroon Lake—Ticonderoga, Part 1..... | Schroon..... | 5.97 | ..... | ..... | 5.97 | ..... | ..... |
| | | | | | Towns..... | 99.07 | ..... | 99.07 | ..... | ..... |
| | | | | | Villages..... | ..... | 1.69 | 1.69 | ..... | ..... |
| | | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | Totals..... | 99.07 | 1.69 | 100.76 | ..... | ..... |

FRANKLIN COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | | | | |
|------------------|--------------|-----------------------------------|----------------|------|-----------------|-------|-------|-------|-------|-------|
| 701 ² | 1703, 1711.. | Malone—North Bangor..... | { Malone..... | 2.85 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | { Bangor..... | 1.16 | North Bangor, v | 0.50 | ..... | 4.51 | ..... | ..... |
| 702 ³ | 2006..... | Malone—Fort Covington, Part 2.... | Westville..... | 6.19 | ..... | ..... | ..... | 6.19 | ..... | ..... |

| | | | | | | | | |
|-----------------|------------------------------|--|---------------------------------|--------------|-----------------|-------|-------|-------|
| 703 | 1708-2006.. | Malone—Fort Covington, Part 3 | { Westville. Fort Covington. | 1.77 | ..... | ..... | 4.19 | ..... |
| 820 | 1713..... | Hogansburg—Bombay | Bombay | 2.42 | ..... | ..... | 6.52 | ..... |
| 884 | 2001..... | Malone—Fort Covington, Part 1 | Malone. | 3.56 | ..... | ..... | 3.56 | ..... |
| 885 | { 1701, 2867, 2868..... } | Moirs—Bombay | { Moirs. Bombay | 4.31 4.24 | ..... | ..... | 8.55 | ..... |
| 950 | V-110..... | Malone Village: Fort Covington St. | Malone. | ..... | Malone, v..... | 0.79 | 0.79 | ..... |
| 984 | 2869..... | North Bangor—South Bangor | Bangor | 1.90 | North Bangor, v | 0.16 | 2.06 | ..... |
| 985 } 985A } | 2871..... | Tupper Lake—Moody | Altamont | 5.48 | ..... | ..... | 5.48 | ..... |
| 1089 | 2915, 2940.. | Malone—Trout River | { Malone. Constable | 2.65 7.70 | Malone, v..... | 0.37 | 10.72 | ..... |
| 1090 | 2870..... | Saranac Lake—Lake Clear Junction, Part 1 | Harrietstown | 4.35 | ..... | ..... | 4.35 | ..... |
| 1179 | 2870..... | Saranac Lake—Lake Clear Junction, Part 2 | Harrietstown | 3.49 | ..... | ..... | 3.49 | ..... |
| 1180 | 3448..... | St. Lawrence County Line—St. Regis Fall | Waverly | 4.09 | ..... | ..... | 4.09 | ..... |
| 1222 | 3512, V-298. | Saranac Lake Village: Broadway and River Street | Harrietstown | ..... | Saranac Lake, v | 0.22 | 0.22 | ..... |
| 1250 | 3424..... | Moody—Hamilton County Line | Altamont | 5.50 | ..... | ..... | 5.50 | ..... |
| 1251 | 3455, 3456.. | Gabriels—Bloomington, Part 1 | { Brighton. Franklin | 2.45 2.46 | ..... | ..... | 4.91 | ..... |
| 1252 | 3354, 3355.. | Santa Clara—Lake Meecham | { Santa Clara. Duane | 9.03 2.38 | ..... | ..... | 11.41 | ..... |

¹Total length 4.92 miles, part in Clinton county.

²Included in State Route No. 30.

³Original contract 6.22 miles; 6.19 miles constructed.

⁴0.92 mile cancelled and re-let as No. 983-A.

⁵Exclusive of villages.

FRANKLIN COUNTY—Concluded

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved awaiting contract |
|-------------|--------------|----------------------------------|---------------------|----------------|-----------------|--------------------------|--------------------------|----------------------------------|
| 1363 | 2869 | Malone—Dickinson, Part 2 | Bangor | 4.75 | | | | 4.75 |
| 1384 | 1714, 2869 | West Bangor—Reynoldstown | { Bangor Brandon | { 0.85 3.19 | | | | 4.04 |
| 1385 | 2871 | Tupper Lake—Saranac Lake, Pt. 1. | Altamont | 3.53 | | | | 3.53 |
| 1386 | 2948 | Hunter Home—Clinton Co. Line | Franklin | 6.98 | | | | 6.98 |
| | | | Towns | 103.80 | | | 73.09 | 19.30 |
| | | | Villages | | | 2.04 | 2.04 | |
| | | | Cities | | | | | |
| | | | Totals | 103.80 | | 2.04 | 75.13 | 19.30 |

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved awaiting contract |
|-------------------|---------------------|---------|-----------------------------------|-------------------|----------------|-----------------|--------------------------|--------------------------|----------------------------------|
| 5031 | 30 | 9 | Malone—Moirs, Part 2 | Bangor | 2.49 | North Bangor, v | 0.51 | 3.00 | |
| 5076 | 30 | 10, 11 | Malone—Moirs, Part 3 | { Bangor Moirs | { 1.61 3.59 | | | 5.20 | |
| 5284 ¹ | 30 | 12 | Nicholville—Moirs | Moirs | 3.34 | | | 3.34 | |
| 5468 | { 30 Pet. V-1186 | { 1, 2 | Chateaugay—Clinton County Line | Chateaugay | 3.65 | Chateaugay, v | 1.01 | 4.66 | |
| 5552 | { 31 Pet. V-1188 | { 1-2 | Malone—Duane, Part 1 | Malone | 7.99 | Malone, v | 0.79 | 8.78 | |
| 5602 | { 30 Pet. V-1206 | { 7 | Malone Village: Main and Elm Sts. | Malone | | Malone, v | 1.99 | 1.99 | |

| | | | | | | | | | | |
|--------------------------|---------------|----------|-------------------------------------|---|--|-------------------|------|-------|-------|-------|
| 5613 | 30 | 3-6..... | Malone—Chateaugay..... | <div> <div> Malone.....</div> <div>Constable.....</div> <div>Burke.....</div> <div>Chateaugay.....</div> </div> | <div> <div>3.60</div> <div>0.47</div> <div>5.03</div> <div>1.13</div> </div> | Malone, v..... | 0.13 | ..... | 10.36 | ..... |
| SPECIAL HIGHWAYS. | | | | | | | | | | |
| 9007 | | | Duane Center—Mountain Road..... | <div> <div>Duane.....</div> <div>Brighton.....</div> </div> | <div> <div>9.43</div> <div>6.00</div> </div> |  |  | ..... | 15.43 | ..... |
| | | | | Towns..... | 15.43 |  |  | ..... | 15.43 | ..... |
| FULTON COUNTY | | | | | | | | | | |
| 33 ¹ | 127 | | Gloversville—Mayfield..... | <div> <div>Johnstown.....</div> <div>Mayfield.....</div> </div> | <div> <div>1.29</div> <div>2.68</div> </div> | Gloversville, c.. | 0.06 | ..... | 4.03 | ..... |
| 109 ² | 137 | | Argensingers..... | Johnstown..... | 2.30 |  |  | ..... | 2.30 | ..... |
| 110 | 138 | | Briggs..... | Johnstown..... | 2.25 |  |  | ..... | 2.25 | ..... |
| 246 | 303, 304, 573 | | Gloversville—Meco—Phelps..... | Johnstown..... | 2.03 |  |  | ..... | 2.03 | ..... |
| 247 ⁴ | 302 | | Johnstown—Keels Center, Part 2..... | Johnstown..... | 1.47 |  |  | ..... | 4.63 | ..... |
| | | | Warren Creek—Red School House.. | Johnstown..... | 3.15 |  |  | ..... |  | ..... |

¹Total length 11.69 miles; part in St. Lawrence county. ²Included in State Route No. 24. ³Included in State Route No. 37. ⁴2.18 miles included in State Route No. 37. Original contract 4.63 miles; 4.63 miles constructed. ⁵Exclusive of villages.

FULTON COUNTY—Concluded

| Highway No. | County Highways. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|------------------|------------------|---|------------------------------------|------------------------|----------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 243 | | 304..... | Gloversville—Broadalbin, Part 1... | { Johnstown..... | 0.38 | ..... | ..... | ..... | ..... |
| 249 ¹ | | 305..... | Old Plank..... | { Mayfield..... | 1.63 | ..... | ..... | 2.01 | ..... |
| 361 | | 507..... | Johnstown—Tribes Hill, Part 1.... | Parth..... | 3.14 | ..... | ..... | 3.14 | ..... |
| 362 ² | | 572..... | Northville—Chapmans Corners..... | Johnstown..... | 2.22 | ..... | ..... | 2.22 | ..... |
| 363 ³ | | 713..... | Mayfield—Northville, Part 1..... | Northampton..... | 1.71 | ..... | ..... | 1.71 | ..... |
| 376 | | 571..... | Gloversville—Bull Run..... | Mayfield..... | 1.37 | ..... | ..... | 1.37 | ..... |
| 541 ² | | 892, 893.... | Mayfield—Northville, Part 2..... | { Johnstown..... | 2.38 | ..... | ..... | 2.38 | ..... |
| 542 | | 895..... | School House—Caroga Creek..... | { Mayfield..... | 3.54 | ..... | ..... | 6.79 | ..... |
| 543 ³ | | 905..... | Johnstown—Broadalbin, Part 2.... | { Northampton..... | 3.25 | ..... | ..... | 2.68 | ..... |
| 544 | | 902, 905.... | Johnstown—Broadalbin, Part 1.... | { Caroga..... | 0.43 | ..... | ..... | 6.35 | ..... |
| 618 | | 904, 1174... | Meco—Caroga Lake..... | { Mayfield..... | 4.91 | ..... | ..... | 5.77 | ..... |
| 619 | | 898..... | Sammons ville—Johnstown..... | { Broadalbin..... | 1.44 | ..... | ..... | 9.24 | ..... |
| 620 | | 1295..... | Ephratah—Kecks Center, Part 2.... | { Johnstown..... | 3.88 | ..... | ..... | 2.11 | ..... |
| 621 ⁴ | | 1299..... | St. Johnsville—Oppenheim, Part 2.. | { Mayfield..... | 1.89 | ..... | ..... | ..... | 5.13 |
| 1127 | | { 3156, 7, 8, 9 V-167, V-168 V-170, V-210 | Gloversville City..... | { Johnstown..... | 5.50 | ..... | ..... | ..... | 2.90 |
| 1375 | | { V-363, 3670, 1371..... | Johnstown City: East Avenue..... | { Caroga..... | 3.74 | ..... | ..... | ..... | ..... |
| | | | | { Ephratah..... | 2.11 | ..... | ..... | ..... | ..... |
| | | | | { Johnstown..... | 2.86 | ..... | ..... | ..... | ..... |
| | | | | { Oppenheim..... | 2.27 | ..... | ..... | ..... | ..... |
| | | | | { Gloversville, e..... | 2.90 | ..... | ..... | 1.73 | ..... |
| | | | | { Johnstown, e..... | 0.06 | ..... | ..... | 1.10 | ..... |
| | | | | { Johnstown, e..... | ..... | ..... | ..... | 1.04 | ..... |

| | | | | | | | | |
|-----------------------|--------------|--|------------------|-------|------------------|-------|-------|-------|
| 1376 | 901, 899.... | Bull Run—Bleeker..... | Johnstown..... | 2.00 | ..... | ..... | ..... | 2.80 |
| | | | Bleeker..... | 0.80 | ..... | ..... | ..... |  |
| 1377 | 3307-3309.. | Gloversville—West Perth..... | Johnstown..... | 2.04 | ..... | ..... | 3.74 | ..... |
| | | | Mayfield..... | 0.48 | ..... | ..... | ..... | ..... |
| | | | Perth..... | 1.22 | ..... | ..... | ..... | ..... |
| | | | Towns..... | 75.57 | ..... | ..... | 64.74 | 8.03 |
| | | | Villages..... | ..... | ..... | ..... | ..... | ..... |
| | | | Cities..... | ..... | ..... | 2.83 | 2.83 | ..... |
| | | | Totals..... | 75.57 | ..... | 2.83 | 67.57 | 8.03 |
| 5065 | 24 9, 10 | Northville Village, North..... | Northampton..... | 1.33 | Northville, v... | 1.09 | 2.42 | ..... |
| 5096 | 24 1 | Fonda—Johnstown..... | Johnstown..... | 0.64 | ..... | ..... | 0.64 | ..... |
| 5194 | 24 6 | Mayfield Village..... | Mayfield..... | ..... | Mayfield, v... | 1.11 | 1.11 | ..... |
| | 24 2, 3 | Johnstown City..... | Johnstown, e... | ..... | ..... | 1.54 | 1.54 | ..... |
| 5394 | Pet. V-1064 | School House—Lassellville, Part 1..... | Johnstown..... | 1.31 | ..... | ..... | 4.58 | ..... |
| 5554 | 37 4-5 | Oppenheim—Dolgeville..... | Dolgeville..... | 4.66 | ..... | 0.24 | ..... | 4.90 |
| 5626 | 37 1 | Towns..... | Towns..... | 11.21 | ..... | ..... | 6.55 | 4.66 |
| | | | Villages..... | ..... | ..... | ..... | 2.20 | 0.24 |
| | | | Cities..... | ..... | ..... | ..... | 1.54 | ..... |
| | | | Totals..... | 11.21 | ..... | 3.98 | 10.29 | 4.90 |
| FEDERAL AID HIGHWAYS. | | | Johnstown..... | 1.06 | ..... | ..... | ..... | 1.06 |
| 8006 | .... | Akin—Johnstown, Part 2..... | Towns..... | 1.06 | ..... | ..... | ..... | 1.06 |

¹ 0.75 mile included in State Route No. 37. ² 3.07 miles included in State Route No. 37.
 miles) not on map approved by Legislature. ³ Part in Montgomery county. Total length 3.07 miles. ⁴ Exclusive of villages.

GENESEE COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|--------------|---------------------------------|---------------------------------|-----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 586 ¹ | 811..... | East Pembroke—Batavia..... | { Batavia..... | 5.44 | Batavia, c..... | 0.11 | 5.55 | ..... | ..... |
| 863 | 1779..... | Batavia—Elba..... | { Batavia..... Elba..... | 1.92 | Batavia, c..... | 0.47 | 4.07 | ..... | ..... |
| 922 | 1772..... | Indian Falls—Corfu, Part 2..... | Pembroke..... | 1.85 | ..... | ..... | 1.85 | ..... | ..... |
| 923 | 1794..... | Pavilion—Batavia, Part 1..... | Pavilion..... | 4.68 | ..... | ..... | 4.68 | ..... | ..... |
| 1054 ² | 1797..... | Alden—Darien Center..... | Darien..... | 3.88 | ..... | ..... | 3.88 | ..... | ..... |
| 1097 | 1780..... | Churchville—Bergen..... | Bergen..... | 0.44 | ..... | ..... | 0.44 | ..... | ..... |
| 1268 | 1794..... | Pavilion—Batavia, Part 2..... | { Bethany..... Stafford..... | 4.20 | ..... | ..... | 4.49 | ..... | ..... |
| 1339 | 1782..... | Le Roy—Brockport, Part 2..... | Le Roy..... | 0.41 | ..... | ..... | 0.41 | ..... | ..... |
| 1402 ³ | 1773, 1774.. | Alabama—Batavia, Part 2..... | { Oakfield..... Batavia..... | 3.07 | Oakfield, v..... | 1.08 | 4.99 | 2.61 | ..... |
| 1403 | 1772, 1774.. | Alabama—Batavia, Part 1..... | Alabama..... | 7.94 | ..... | ..... | ..... | 7.94 | ..... |
| | | Towns..... | | 39.25 | ..... | ..... | 29.78 | 9.47 | ..... |
| | | Villages..... |  | ..... | ..... | 1.08 | ..... | 1.08 | ..... |
| | | Cities..... |  | ..... | ..... | 0.58 | 0.58 | ..... | ..... |
| | | Totals..... | | 39.25 | ..... | 1.66 | 30.36 | 10.55 | ..... |

STATE HIGHWAYS.

| Route No. | Section | | | | | | | | |
|-------------------|---------------|--------|---------------------------------|--------------|-------|-------|-------|-------|-------|
| 5020 | 6 | 9 | East Pembroke—Pembroke, Part 1. | Pembroke | 3.46 | ..... | ..... | 3.46 | ..... |
| 5090 | 6 | 10, 11 | East Pembroke—Pembroke, Part 2. | Pembroke | 4.46 | ..... | ..... | 4.46 | ..... |
| 5136 | 6 | 4 | Stafford—Le Roy | { Stafford | 1.43 | ..... | ..... | 2.89 | ..... |
| | | | | { Le Roy | 1.46 | ..... | ..... |  | ..... |
| 5145 | 6 | 5 | Batavia—Stafford, Part 1 | { Batavia | 0.85 | ..... | ..... | 4.44 | ..... |
| | | | | { Stafford | 3.59 | ..... | ..... |  | ..... |
| 5145-A * | 6 | 5-A | Batavia—Stafford, Part 3 | { Batavia, e | ..... | ..... | 0.10 | 0.29 | ..... |
| | | | | { Batavia | 0.19 | ..... | ..... |  | ..... |
| 5399 | { 6 | 7 | Batavia Village | ..... | ..... | ..... | 1.97 | 1.97 | ..... |
| | { Pet. V-1185 | | | | | | | | |
| 5463 | 6 | 1 | Le Roy—Caledonia | Le Roy | 3.24 | ..... | ..... | 3.24 | ..... |
| 5493 | 6 | 6 | Batavia—Stafford, Part 2 | { Batavia, e | ..... | ..... | 0.27 | 0.27 | ..... |
| | | | | { Le Roy | 2.04 | ..... | ..... |  | ..... |
| 5538 | 16 | 2 | Le Roy—Pavilion, Part 1 | { Pavilion | 0.80 | ..... | ..... | 2.84 | ..... |
| | | | | { Pavilion | 4.53 | ..... | ..... |  | ..... |
| 5582 ⁴ | 16 | 1 | Le Roy—Pavilion, Part 2 | Pavilion | ..... | ..... | ..... | 4.53 | ..... |
| | | | | | | | | | |
| | | | Towns | ..... | 26.05 | ..... | ..... | 26.05 | ..... |
| | | | Villages | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Cities | ..... | ..... | ..... | 2.34 | 2.34 | ..... |
| | | | Totals | ..... | 26.05 | ..... | 2.34 | 28.39 | ..... |

¹ Included in State Route No. 6.

² Original contract forfeited July 10, 1916. Completed by Department Forces.

³ Constructed by R. R. Co. To be maintained by the State. Bridge 150 feet long not included in mileage.

⁴ Original contract forfeited June 17, 1916. Completed by Department Forces.

* Portion accepted under the Hewitt Act.

* Exclusive of villages.

GREENE COUNTY

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|---------------------|-----------------|------------------------------------|--------------------------------|---------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 613 ¹ | 298, 2398.. | Catakill—South Cairo. | Catakill. | 5.60 | ..... | ..... | 5.60 | ..... | ..... |
| 719 | 2405..... | Greenville—Coxsackie, Part 2..... | { New Baltimore. Coxsackie. | 0.42 5.14 | ..... | ..... | 5.56 | ..... | ..... |
| 796 | 2405..... | Greenville—Coxsackie, Part 1..... | Greenville. | 4.62 | ..... | ..... | 4.62 | ..... | ..... |
| 797 ² | 2399, 2400.. | Hunter—Windham, Part 2..... | Windham. | 3.41 | ..... | ..... | 3.41 | ..... | ..... |
| 886 ² | 2402..... | Lexington—Prattsville, Part 2..... | { Lexington. Prattsville. | 0.12 4.07 | ..... | ..... | 4.19 | ..... | ..... |
| 887 ¹ | 2398..... | South Cairo—Cairo..... | Cairo. | 3.15 | ..... | ..... | 3.15 | ..... | ..... |
| 954 ¹ | 2398, 2399.. | Cairo Hamlet..... | Cairo. | 0.46 | ..... | ..... | 0.46 | ..... | ..... |
| 997 | 2402..... | Hunter—Jewett Center..... | { Hunter. Jewett. | 0.57 5.54 | ..... | ..... | 6.11 | ..... | ..... |
| 998 | 2400, 3064.. | Hunter—Windham..... | { Jewett. Windham. | 0.64 4.84 | Hunter, v..... | 0.13 | 6.27 | ..... | ..... |
| 1242 | 2403, 3258.. | Hunter—Tannersville..... | Hunter. | 0.66 3.28 | ..... | ..... | 4.43 | ..... | ..... |
| 1248 | 3243, 3277.. | New Baltimore Station—Coeymans. | New Baltimore. | 3.98 | ..... | ..... | 3.98 | ..... | ..... |
| 1364 | 2402..... | Lexington—Prattsville, Part 1..... | Lexington. | 6.02 | ..... | ..... | 6.02 | ..... | ..... |
| 1365 | 3276..... | Greenville—Coxsackie, Part 3..... | Coxsackie. | 2.39 | ..... | ..... | 2.39 | ..... | ..... |
| | | | | Towns..... | ..... | ..... | 50.93 | 3.98 | ..... |
| | | | | Villages..... | ..... | 1.28 | 1.28 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | ..... | 1.28 | 52.21 | 3.98 | ..... |

[illegible]

Included in State Route No. 5-A:

1.54 miles included in State Route No. 5-A.

2.29 miles included in State Route No. 5-A.

Original contract 1.97 miles; 0.71 mile cancel
5406

* Exclusive of villages.

1

HAMILTON COUNTY

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|---------------------|-----------------------|-------------------------------|---------------|-----------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 277 ¹ | 457 | Lake Pleasant—Speculator | Lake Pleasant | 3.44 | | | 3.44 | | |
| 848 ² | 1802, 1803 | Long Lake—Grove | Long Lake | 3.74 | | | 3.74 | | |
| 874 | 1807 | Nobleboro—Morehouseville | Morehouse | 5.00 | | | 5.00 | | |
| 1025 ³ | 1809 | Piseco—Lake Pleasant | { Arletta | 3.06 | | | 7.75 | | |
| 1088 ⁴ | 1806 | Eagle Bay—Sixth Lake | Inlet | 4.22 | | | 4.22 | | |
| 1099 | 1816 | Tupper Lake—Long Lake, Part 3 | Long Lake | 5.03 | | | | 4.22 | 5.03 |
| 1100 | 1815, 2895 | Indian Lake—County Line | Indian Lake | 4.54 | | | | 4.54 | |
| 1258 | 3273 | Tupper Lake—Long Lake, Part 1 | Long Lake | 5.01 | | | | 5.01 | |
| 1458 | { 1807, 1808, 3668 | Morehouseville—Piseco, Part 1 | { Morehouse | 5.38 | | | | | 6.82 |
| | | | { Arletta | 1.44 | | | | | |

| | |
|----------|-------|
| Towns | 45.55 |
| Villages | |
| Cities | |
| Totals | 45.55 |

STATE HIGHWAYS.

| Route No. | Sec- tion | Name of highway | Town | * Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|-------------------|--------------|----------------------------------|-----------|-----------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 5038 | 24 | 1 County Line—Hope Center | Hope | 2.99 | | | 2.99 | | |
| 5133 | 24 | 2, 3 Hope Center—Wells, Part 1 | Hope | 5.45 | | | 5.45 | | |
| 5189 | 25 | 13, 14 Newcomb—Long Lake, Part 2 | Long Lake | 8.43 | | | 8.43 | | |
| 5268 ⁴ | 24 | 4 Hope Center—Wells, Part 2 | { Hope | 0.42 | | | | | |
| | | | { Wells | 5.55 | | | 5.97 | | |

| | | | | | | | |
|------|----|---------------------------------|-------------------------------|--------------|----------------|----------------|-------|
| 5514 | 24 | 5 Wells—Speculator, Part 1..... | Wells..... | 6.98 | ..... | 6.98 | ..... |
| 5523 | 24 | 6 Wells—Speculator, Part 2..... | { Wells..... Pleasant..... | 3.36 3.38 | ..... ..... | ..... ..... | 6.74 |
| | | Towns..... | ..... | 36.56 | ..... | 29.82 | 6.74 |
| | | Villages..... | ..... | ..... | ..... | ..... | ..... |
| | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | Totals..... | ..... | 36.56 | ..... | 29.82 | 6.74 |

HERKIMER COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | |
|------|-----------|------------------------------|--------------------------------------|--------------|----------------|---------------|-------|
| 14* | 64-A..... | Utica—Frankfort, Part 3..... | Frankfort..... | 1.11 | ..... | 1.11 | ..... |
| 133 | 237..... | Little Falls—Dolgeville..... | Manheim..... | 2.29 | ..... | 2.29 | ..... |
| 233 | 63..... | Frankfort—East Schuyler..... | Schuyler..... | 1.63 | ..... | 1.63 | ..... |
| 359* | 64-A..... | Utica—Frankfort, Part 2..... | Frankfort..... | 1.89 | ..... | 1.89 | ..... |
| 360† | 779..... | Poland—Cold Brook..... | Russia..... | 0.35 | ..... | 0.35 | ..... |
| 456* | 858..... | Little Falls—East Creek..... | Manheim..... | 5.24 | ..... | 5.24 | ..... |
| 457* | 857..... | Little Falls—Herkimer..... | { Little Falls..... Herkimer..... | 2.36 2.80 | ..... ..... | ..... 5.16 | ..... |

* Included in State Route No. 24.

† Included in State Route No. 25. Original Contract 3.76 miles; 3.74 miles constructed.

* Original contract 7.82 miles; 7.75 miles constructed.

* 0.19 mile included in State Route No. 25. Original contract forfeited May 15, 1916.

* 0.23 mile not on direct route, due to change after construction.

* Included in State Route No. 6.

† Included in State Route No. 23.

* Included in State Route No. 6. Original contract 5.39 miles; 5.33 miles constructed, of which 0.11 mile was rebuilt under No. 5159.

* Original contract 5.32 miles; 5.27 miles constructed, of which 0.11 mile was discarded to accommodate re-location under No. 5411. All included in State Route No. 6.

* Exclusive of villages.

HERKIMER COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|----------------|---------------------------------------|---------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 458 | 856, 1390... | Herkimer—Frankfort. | Herkimer | 2.98 | ..... | ..... | 3.69 | .... | ..... |
| 459 | 787, 855, 1414 | East Schuyler—Deerfield. | Schuyler | 0.71 | ..... | ..... | ..... | .... | ..... |
| 460 | 835, 836, 1378 | Herkimer—Middleville. | Fairfield. | 0.32 | ..... | ..... | 5.50 | .... | ..... |
| 461 ¹ | 832, 833, 846 | Middleville—Poland. | Herkimer | 4.80 | ..... | ..... | 6.18 | .... | ..... |
| 462 ² | 840..... | Old Forge—McKeever. | Newport. | 1.06 | ..... | ..... | ..... | .... | ..... |
| 463 ¹¹ | 851..... | Manheim Center—Salisbury Center | Fairfield. | 0.87 | ..... | ..... | 5.96 | .... | ..... |
| 464 | 849..... | Salisbury Center—Stratford. | Newport. | 5.09 | ..... | ..... | 9.91 | .... | ..... |
| 465 | 850, 852.... | Salisbury Center—Burrelle. | Webb. | 9.91 | ..... | ..... | ..... | .... | ..... |
| 466 | 850, 317.... | Burrelle—Middleville. | Manheim | 3.42 | ..... | ..... | 5.39 | .... | ..... |
| 467 ³ | 848, 1033... | Newport—Norway—Cold Brook. | Salisbury | 1.97 | ..... | ..... | 5.46 | .... | ..... |
| 468 | 839, 853, 873 | Little Falls—Fairfield. | Salisbury | 5.46 | ..... | ..... | 5.42 | .... | ..... |
| 469 ⁴ | 790, 803.... | Ilion—Cedarville. | Salisbury | 5.42 | ..... | ..... | 5.49 | .... | ..... |
| 470 ⁵ | 861..... | Mohawk—Jordanville. | Fairfield. | 5.10 | Middleville, v. | 0.39 | ..... | .... | ..... |
| 471 ⁶ | 781..... | Richfield Springs—Warren—Springfield. | Fairfield. | 1.26 | Newport, v. | 0.72 | 6.92 | .... | ..... |
| | | | Norway | 2.60 | ..... | ..... | ..... | .... | ..... |
| | | | Russia | 1.81 | Cold Brook, v. | 0.53 | ..... | .... | ..... |
| | | | Little Falls. | 0.78 | ..... | ..... | 5.55 | .... | ..... |
| | | | Fairfield. | 4.77 | ..... | ..... | ..... | .... | ..... |
| | | | German Flats. | ..... | ..... | ..... | ..... | .... | ..... |
| | | | Litchfield. | ..... | ..... | ..... | ..... | .... | ..... |
| | | | German Flats. | 1.63 | ..... | ..... | ..... | .... | 4.33 |
| | | | Warren. | 2.70 | ..... | ..... | ..... | .... | ..... |
| | | | Warren. | 3.56 | ..... | ..... | 3.56 | .... | ..... |

| | | | |
|--------|--|---|--|
| 472 | 793, 864.... | Columbia—Mohawk..... | { Columbia..... 3.15 German Flats..... 2.91 Mohawk, v..... } 6.15 Little Falls..... 3.03 } |
| 473 * | 871 | Little Falls—Jacksonburg..... | .. |
| 813 * | '867 | Ilion—Frankfort—Utica..... | .. |
| 830 * | 862 | Line..... | .. |
| 831 | 1034, 2607.. | Little Falls—Montgomery County Line..... | 5.63 |
| 868 | V-18, 851... | Dolgeville Village..... | Manheim..... Dolgeville, v..... 5.63 |
| 869 | V-8, 835.... | Middleville Village..... | Newport..... Middleville, v..... 2.06 |
| 870 | V-35, V-37.. | Herkimer Village: West and East German Streets..... | Fairfield..... { Newport..... 0.59 Middleville, v..... 0.05 } |
| 871 ** | 863 | Cedarville—West Winfield..... | Herkimer, v..... 1.96 |
| 1257 | V-320 | Little Falls City: East Monroe Street..... | Winfield..... Little Falls, c.. 1.81 |
| 1346 | 1310 | Frankfort—Gulph..... | Frankfort..... 5.10 |
| 1362 | 860, 1306... | Vanhornesville—Starkville..... | Stark..... 5.84 |
| 1363 | 1415 | Paines Hollow—Stone House..... | Little Falls..... 5.67 |
| | | Towns..... | 120.72 |
| | * Included in State Route No. 26. | Villages..... | .. |
| | ** Included in State Route No. 25. Original plans 10.34 miles. Due to changes in alignment, etc. 9.81 miles were actually built. | Cities..... | 6.39 |
| | | | 1.81 |
| | | | 1.81 |
| | | Totals..... | 127.72 |
| | | | .. |
| | | | 8.20 |
| | | | 104.95 |
| | | | 5.10 |
| | | | 18.87 |

A total of 42.31 miles included in State Route No. 5. Original Plans 7.46 miles.
The balance was built as No. 3579 and .27 mile as No. 3584. Of the remaining mileage, 1.08 miles in Warren and 1.53 miles in German Flats have been

Balance combined with No. 830.

* Built as State Highways No. 5209 and No. 5219 on Route No. 6.
 † Original plans, 5.51 miles. 3.97 miles included in State Route No. 5 and built as part of No. 5524. Balance combined with No. 471.

* Exclusive of villages.

*Exclusive of villages.

HERKIMER COUNTY — Concluded

HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles covered by plat |
|-------------------|----------------------|--------------------|---|--------------|-----------------|------------------|--------------------------|-----------------------|
| 5060 ¹ | 6 | 6-8 | Herkimer Village: East Albany St. | Herkimer | ..... | Herkimer, v.... | 0 63 | 0 63 |
| 5064 | 26 | 10-12 | Middleville Village and Newport Village | Fairfield | ..... | Middleville, v.. | 0 53 | 1 56 |
| | | | | Newport | ..... | Newport, v.... | 1 03 | |
| 5069 | { 26 23 } | { 14 1, 3 } | { Poland Village—Coldbrook Village. | Newport | ..... | Poland, v.... | 0 54 | 2 03 |
| | | | | Russia | ..... | Poland, v.... | 0 89 | |
| 5105 | 6 | 2, 4 | Little Falls City | Russia | ..... | Cold Brook, v.. | 0 80 | |
| 5159 [*] | 6 | 1 | East Creek | Manheim | ..... | Little Falls, c. | 1 45 | 1 45 |
| 5161 | 6 | 13 | Ilion Village | German Flats | 0 17 | Ilion, v.... | 1 51 | 0 17 |
| 5170 | { 6 Pet. V-1007 } | { 10 1007 } | Mohawk Village | German Flats | ..... | Mohawk, v.... | 1 35 | 1 51 |
| 5209 | 6 | 18 | Utica—Frankfort, Part 1 | Frankfort | 3 07 | ..... | ..... | 1 35 |
| 5219 | { 6 Pet. V-1062 } | { 14, 15 1062 } | Ilion—Frankfort | Frankfort | 0 99 | Frankfort, v.. | 1 26 | 3 07 |
| | | | | German Flats | ..... | Ilion, v.... | 0 23 | 2 47 |
| 5248 [*] | 25 | 1 | Boonville Town Line—McKeever | Wilmut | 0 44 | ..... | ..... | 1 26 |
| | | | | Webb | 0 82 | ..... | ..... |  |
| 5411 | 6 | 5-A | West Creek | Herkimer | 0 05 | Herkimer, v.. | 0 04 | 0 09 |
| 5441 | 25 | 3 | Old Forge Village | Webb | ..... | Old Forge, v.. | 1 26 | 1 26 |
| 5465 [*] | { 23-A 23 } | { 6 1 } | West Winfield—Bridgewater | Winfield | 0 14 | West Winfield, v | 1 03 | 1 17 |
| 5466 | 23-A | 2, 3 | Ilion—Cedarville | German Flats | 1 96 | Ilion, v.... | 0 30 | 7 12 |
| | | | | Litchfield | 4 86 | ..... | ..... |  |
| 5513 | 23-A | 1 | Ilion Village: Otego Street | German Flats | ..... | Ilion, v.... | 0 90 | 0 90 |
| 5524 | 5 | 1, 2 | Jordanville—Richfield Springs | Warren | 5 27 | ..... | ..... | 5 27 |
| 5559 [*] | 26 | 15-16 | Poland—Trenton | Russia | 3 56 | Poland, v.... | 0 74 | 4 30 |

| | | | | | | | | | |
|------|------|------|--|---------------------|-------|-------|-------|-------|-------|
| 5579 | 5 | 4, 5 | Mohawk—Paines Hollow..... | { German Flats..... | 6.34 | ..... | ..... | 6.55 | ..... |
| | | | | { Little Falls..... | 0.21 | ..... | ..... | ..... | ..... |
| 5584 | 5 | 3 | Paines Hollow—Jordanville..... | { Little Falls..... | 0.04 | ..... | ..... | ..... | ..... |
| | | | | { German Flats..... | 1.09 | ..... | 4.18 | ..... | ..... |
| | | | | { Warren..... | 3.05 | ..... | ..... | ..... | ..... |
| 5621 | 23-A | 4, 5 | Cedarville—West Winfield..... | { Litchfield..... | 0.09 | ..... | ..... | ..... | 5.57 |
| | | | | { Columbia..... | 1.12 | ..... | ..... | ..... | ..... |
| 5631 | 5 | 6 | Mohawk Village: Columbia and Hammond Streets..... | { Winfield..... | 4.36 | ..... | ..... | ..... | ..... |
| | | | | { German Flats..... | ..... | ..... | 0.71 | 0.71 | ..... |
| | | | | { Towns..... | 37.63 | ..... | ..... | 25.51 | 5.57 |
| | | | | { Villages..... | ..... | ..... | 13.54 | 13.54 | ..... |
| | | | | { Cities..... | ..... | ..... | 1.45 | 1.45 | ..... |
| | | | | { Totals..... | 37.63 | ..... | 14.99 | 40.50 | 5.57 |

JEFFERSON COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | | | | | |
|-----|-----------------|---|------------------|------|-------|-------|-------|-------|-------|
| 147 | 265..... | Burra Mills..... | { Watertown..... | 2.85 | ..... | ..... | ..... | ..... | ..... |
| 181 | 340..... | Watertown — Sacketts Harbor — Henderson, Part 1..... | { Rutland..... | 1.07 | ..... | ..... | ..... | ..... | ..... |
| 182 | 342..... | Redwood—Alexandria Bay, Part 1.. | Hounsfield..... | 6.04 | ..... | ..... | 6.04 | ..... | ..... |
| | | | Alexandria..... | 2.97 | ..... | ..... | 2.97 | ..... | ..... |

1 Original plans 0.77 mile. 0.68 mile constructed. 0.05 mile discarded for re-location under No. 5411.

2 Part in Onondaga county. Total length 18.03 miles.

3 1.25 miles in Onondaga county and 1.53 miles in Oswego county. Total length 3.98 miles.

4 Total length 8.89 miles. 4.50 miles in Onondaga county.

5 Original plans 0.14 mile. 0.03 mile added by change in alignment.

* Exclusive of villages.

JEFFERSON COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|---------------|---|-----------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 183 | 339 | Adams—Henderson, Part 1 | Adams | 3.02 | | | 3.02 | | |
| 184 | 344 | Pierrepoint Manor—Ellisburg | Ellisburg | 2.95 | | | 2.95 | | |
| 185 | 272 | State | Lorraine | 1.00 | | | 1.00 | | |
| 186 | 343 | Depot | Lyme | 0.99 | | | 0.99 | | |
| 224 | 339 | Adams—Henderson, Part 2 | { Adams Henderson | { 0.70 6.19 | | | { 6.89 | | |
| 235 | 340 | Watertown—Sacketta Harbor—Henderson, Part 2 | Hounsfield | 2.23 | | | 2.23 | | |
| 236 | 342 | Redwood—Alexandria Bay, Part 2 | Alexandria | 4.17 | | | 4.17 | | |
| 237 | 341 | Sacketta Harbor | Watertown | 1.45 | | | 1.45 | | |
| 238 | 339, 345 | Henderson Harbor | Henderson | 5.09 | | | 5.09 | | |
| 423 | 401 | Watertown—Theresa, Part 3 | Theresa | 4.19 | | | 4.19 | | |
| 424 | 439 | Bellville—Adams, Part 1 | { Ellisburg Adams | { 1.37 0.23 | | | { 1.60 | | |
| 425 ¹ | 490 | Adams—Watertown, Part 2 | Adams | 3.16 | | | 3.16 | | |
| 426 | 466 | State, Part 2 | Lorraine | 4.03 | | | 4.03 | | |
| 427 ² | 464, 489 | Watertown—Carthage, Part 2 | { Rutland Champion | { 3.05 2.40 | | | { 5.45 | | |
| 428 ³ | 451 | Watertown—Carthage, Part 3 | Wilna | 4.87 | | | 4.87 | | |
| 440 ⁴ | 440, 441, 442 | Philadelphia | Philadelphia | 5.39 | | | 5.39 | | |
| 505 ⁵ | 541 | Watertown—Theresa, Part 1 | Pamelis | 7.34 | | | 7.34 | | |
| 624 ⁶ | 450 | Carthage—Wilna | Wilna | 3.09 | | | 3.09 | | |
| 625 | 782-H, 438 | Theresa—Antwerp, Part 2 | Antwerp | 5.37 | | | 5.37 | | |
| 626 | 488 | Burrs Mills—South Champion | Rutland | 4.55 | | | 4.55 | | |

| | | | | | | | |
|------------------|------------------------------|--|-----------------------------------|--------------|---|-------|-------|
| 814 | 782..... | Watertown—Theresa, Part 2..... | { Pamela..... Le Ray..... | 0.09 | ..... | 5.31 | ..... |
| 835 | { 467, 3253, 2388..... } | Adams Center—Tremaines Corners..... | { Rodman..... Adams..... | 5.22 5.39 | ..... | 7.04 | ..... |
| 836 ⁷ | ..... | Watertown—Carthage, Part 1..... | ..... | 1.65 | ..... | ..... | ..... |
| 844 | V-3, 330..... | Henderson Village..... | Henderson..... | ..... | Henderson, v... 1.06 | 1.06 | ..... |
| 1129 | 3013..... | Lewis County Line—So. Champion..... | Champion..... | 2.45 | ..... | 2.45 | ..... |
| 1130 | 3404, V-243..... | Alexandria Bay: Church Street..... | Alexandria..... | ..... | Alexandria Bay 0.36 | 0.36 | ..... |
| 1131 | 3377, V-242..... | Sacketts Harbor..... | Hounsfield..... | ..... | Sacketts Harbor 2.46 | 2.46 | ..... |
| 1132 | 1027..... | Ellisburg—Belleville..... | Ellisburg..... | 2.29 | ..... | 2.29 | ..... |
| 1133 | 782..... | Theresa—Antwerp, Part 1..... | { Theresa..... Antwerp..... | 1.04 3.49 | ..... | 4.72 | ..... |
| 1134 * | V-257, 3274..... | Watertown City: Gifford and State Streets..... | Watertown..... | 0.16 | ..... | 0.99 | ..... |
| 1148 | { 782, 1020, 3372..... } | Cape Vincent—Watertown, Part 1..... | { Cape Vincent..... Lyme..... | 4.86 2.52 | Watertown, c... 0.83 Cape Vincent, v. 1.54 | 1.54 | ..... |
| 1149 | 3379..... | Ellisburg—Village..... | Ellisburg..... | ..... | Ellisburg, v... 1.69 | 1.69 | ..... |
| 1150 | 3378, V-249..... | Belleville Village: Main and Washington Streets..... | ..... | ..... | Belleville, v... 1.13 | 1.13 | ..... |
| 1151 | { 2387, 2856, 3374..... } | Theresa—Browns Corners..... | { Theresa..... Alexandria..... | 3.58 3.38 | Theresa, v... 1.27 | 1.27 | ..... |
| 1164 | { 1029, 782, V-252..... } | Cape Vincent—Watertown, Part 2..... | { Lyme..... Brownville..... | 4.34 3.01 | Chaumont, v... 1.76 | 1.76 | ..... |

¹ Included in State Route No. 30.

² 5.00 miles included in State Route No. 27.

³ Included in State Route No. 27.

⁴ 1.40 miles included in State Route No. 30.

⁵ 0.65 mile included in State Route No. 30.

⁶ Included in State Route No. 30-A.

⁷ Built as State Highway No. 6005 on Route No. 27.

⁸ 0.35 mile included in State Route No. 27.

* Exclusive of villages.

JEFFERSON COUNTY — Continued

| COUNTY HIGHWAYS | Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|---|--------------|--|-------------------|----------------|-----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1165 | 1153, V-279. | | Theress—Philadelphia, Part 1..... | Theress | 2.26 | Theress, v..... | 1.27 | 3.53 | ..... | ..... |
| 1166 | 3413, V-253. | | Adams Village: South Main Street and Pierpont Manor Hamlet: | Adams | ..... | Adams, v..... | 0.30 | ..... | ..... | ..... |
| 1181 | V-259, 3373, 3430..... | | Ellisburg Street..... | Ellisburg | 0.48 | ..... | ..... | 0.78 | ..... | ..... |
| 1182 | { V-309, 3370, 2985, 2982, 2984, V- 294..... | | Adams Village: Railroad Street..... | Adams | ..... | Adams, v..... | 0.67 | 0.67 | ..... | ..... |
| 1197 | 3444, 3447, V-307.... | | Brownville..... | Brownville | 1.18 | Dexter, v..... | 0.55 | ..... | ..... | ..... |
| 1225 | 2382..... | | Hounsfield..... | Hounsfield | 3.84 | ..... | ..... | 8.36 | ..... | ..... |
| 1226 | 2733, 2853.. | | Watertown..... | Watertown | 1.62 | ..... | ..... | ..... | ..... | ..... |
| 1227 ¹ | 3432..... | | Watertown, e.. | Watertown, e.. | ..... | ..... | 1.17 | ..... | ..... | ..... |
| 1253 | { 2980, 2978, V-323 } | | Carthage—Naumburg, Part 1..... | Wilna | 0.75 | Carthage, v..... | 1.06 | 1.81 | ..... | ..... |
| 1255 | 2981, 2979.. | | Lorraine..... | Lorraine | 2.86 | ..... | ..... | 2.86 | ..... | ..... |
| 1256 | 3521, 2977.. | | Worth..... | Worth | 2.40 | ..... | ..... | 2.40 | ..... | ..... |
| 1397 | 2977, 3518.. | | Redwood—St. Lawrence Co. Line.. | Alexandria | 4.60 | ..... | ..... | 4.60 | ..... | ..... |
| 1484 | V-30..... | | Chaumont—Depauville..... | Lyme..... | 3.23 | Chaumont, v... 0.25 | ..... | 6.09 | ..... | ..... |
| | | | Cape Vincent—Clayton..... | Clayton | 2.61 | ..... | ..... | ..... | ..... | ..... |
| | | | Gunn Cors.—Fishers Landing, Pt. 1. | Cape Vincent | 8.39 | ..... | ..... | ..... | 14.05 | ..... |
| | | | Gunn Cors.—Fishers Landing, Pt. 2. | Clayton | 4.95 | Clayton, v..... 0.71 | ..... | ..... | ..... | ..... |
| | | | Philadelphia Vill.: North & South | Clayton | 0.42 | ..... | ..... | ..... | 7.76 | ..... |
| | | | Main Streets..... | Orleans | 7.34 | ..... | ..... | ..... | ..... | 6.65 |
| | | | | Orleans | 6.65 | ..... | ..... | ..... | ..... | ..... |
| | | | | Philadelphia..... | ..... | Philadelphia, v. 0.63 | ..... | ..... | 0.66 | ..... |

JEFFERSON COUNTY — Concluded

STATE HIGHWAYS.

| High- way No. | Route No. | Sec- tion | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleated | Miles con- struction | Miles ap- proved and awaiting contract |
|---------------------|---------------|--------------|---|--------------|----------------------|----------------------|-------------------------------------|--------------------------|-------------------------|--|
| 5304-A ¹ | 27 | 17 | Clayton—Alexandria Bay | Clayton | ..... | Clayton, v..... | 0.15 | 0.15 | ..... | ..... |
| 5332 | 27 | 1 | Lowville—Carthage | Champion | ..... | West Carthage. | 1.12 | 1.12 | ..... | ..... |
| 5332-A ² | Pet. V-1200 | | | | | | | | | |
| | 27 | 2, 4 | | | | | | | | |
| 5344 | 30-A | 1 | Carthage Village: State and School Streets and West End Avenue | Wilna | ..... | Carthage, v..... | 1.97 | 1.97 | ..... | ..... |
| 5402 | Pet. V-1121 | | | | | | | | | |
| | 30-A | 1-A | | Wilna | ..... | Carthage, v..... | 0.35 | ..... | ..... | 0.35 |
| 5403 | 27 | 3 | Carthage Village: State Street | Wilna | ..... |  |  |  |  |  |
| | 27 | 13-A | Clayton Village | Clayton | ..... | Clayton, v..... | 1.17 | 1.17 | ..... | ..... |
| 5426 | Pet. V-1181 | | | | | | | | | |
| | 30 | 10 | Adams—Watertown, Part 4 | Watertown | ..... |  |  | 1.81 | ..... | ..... |
| 5427 | 30 | 1 | Antwerp—County Line | Antwerp | ..... | Antwerp, v..... | 0.41 | 5.76 | ..... | ..... |
| 5530 | 27 | 8 | Watertown City: Eastern Boulevard | Watertown | ..... | Watertown, c..... | 0.95 | 0.95 | ..... | ..... |
| 5548 | { 30 2, 3 | | Philadelphia—Antwerp | Philadelphia | ..... | Philadelphia, v..... | 1.25 | 7 27 | ..... | ..... |
| | { 30-A 7 | | | Antwerp | ..... | Antwerp, v..... | 1.09 | ..... | ..... | ..... |
| 5617 | 30 | 4 | Watertown—Philadelphia, Part 2... | Le Ray | ..... |  |  | ..... | 5.03 | ..... |
| 5618 | { 30-A 6 | | | Philadelphia | ..... |  |  | ..... | ..... | ..... |
| | { Pet. V-1222 | | | Wilna | ..... |  |  | ..... | 4.05 | ..... |
| | | | Carthage—Antwerp, Part 4 | Antwerp | ..... | Antwerp, v..... | 0.46 | ..... | ..... | ..... |
| Totals | | | | | 68.89 | | | 60.27 | 8.62 | ..... |
| Villages |  |  |  |  | ..... |  | 13.91 | 12.94 | 0.46 | 0.51 |
| Cities |  |  |  |  | ..... |  | 1.81 | 1.81 | ..... | ..... |
| Totals | | | | | 68.89 | | 15.72 | 75.02 | 9.08 | 0.51 |

LEWIS COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | | | | | |
|------------------|----------------------------|--|-------------------|-------|---------------------|-------------------|-------|-------|-------|
| 847 ² | 547, 816.... | Copenhagen—Lowville, Part 2..... | Lowville..... | 5.40 | ..... | ..... | 5.40 | ..... | ..... |
| 937 | V-10, 2641.. | Copenhagen—(Denmark)..... | Denmark..... | 2.70 | Copenhagen, v. 1.12 | ..... | 3.82 | ..... | ..... |
| 1020 | 816..... | Copenhagen—Lowville, Part 1..... | { Harrisburg..... | 4.42 | ..... | ..... | 4.61 | ..... | ..... |
| 1092 | V-219..... | Lowville Village..... | Lowville..... | 0.19 | ..... | ..... | ..... | ..... | ..... |
| 1191 | 3070..... | Carthage—Naumburg, Part 2..... | Croghan..... | 6.36 | ..... | Lowville, v. 0.51 | 0.51 | ..... | ..... |
| 1192 | 3070, 816... | Naumburg—Croghan..... | { Croghan..... | 3.96 | ..... | ..... | 6.36 | ..... | ..... |
| | | | { New Bremen..... | 1.75 | ..... | ..... | 5.71 | ..... | ..... |
| 1193 | 816, 3420... | Lowville—Croghan..... | Lowville..... | 2.37 | ..... | ..... | ..... | ..... | ..... |
| 1299 | 3192..... | Constableville—Lyons Falls, P. rt 2. | { New Bremen..... | 6.84 | Croghan, v. 0.46 | ..... | 9.17 | ..... | ..... |
| 1300 | 547..... | Barnes Corners—West Lowville, Part 2..... | West Turin..... | 2.00 | ..... | ..... | 2.00 | ..... | ..... |
| | | | { Harrisburg..... | 6.65 | ..... | ..... | ..... | 8.82 | ..... |
| 1301 | V-328, 3525. | Lowville Village: Shady Avenue and East State Street..... | Lowville..... | 2.17 | ..... | ..... | ..... | ..... | ..... |
| | | | { Pinckney..... | 2.49 | ..... | ..... | 1.27 | ..... | ..... |
| 1442 | { 816, 3212 3213..... } | Barnes Corners—Copenhagen, Part 2.. | Harrisburg..... | 0.08 | ..... | ..... | ..... | 4.74 | ..... |
| 1490 | 2389, 547... | Barnes Corners—W. Lowville, Part 1.. | Denmark..... | 1.71 | Copenhagen, v. 0.46 | ..... | ..... | ..... | ..... |
| | | | Pinckney..... | 5.37 | ..... | ..... | 5.37 | ..... | ..... |
| | | | Towns..... | 53.96 | ..... | ..... | 40.86 | 8.82 | 4.28 |
| | | | Villages..... | ..... | ..... | ..... | 3.82 | 3.36 | 0.46 |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 53.96 | ..... | ..... | 3.82 | 44.22 | 8.82 |
| | | | | | | | | | |

¹ A portion of No. 5304 cancelled for grade crossing elimination and later built by Department forces.

² Total length 14.35 miles. Part in Lewis county. 0.76 mile of original contract in Jefferson county cancelled and re-let as No. 5332-A.

³ Original contract 5.74 miles. 5.42 miles constructed of which 0.02 mile was rebuilt as No. 1020.

* Exclusive of villages.

HERKIMER COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|----------------------|--------------------|--|--------------|---------------|-------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5030 ¹ | 6 | G-8 | Herkimer Village: East Albany St. | Herkimer | ..... | Herkimer, v. . . . | 0.63 | 0.63 | ..... | ..... |
| 5064 | 26 | 10-12 | Middleville Village and Newport Village | Fairfield | ..... | Middleville, v. . . . | 0.53 | ..... | ..... | ..... |
| | | | | Newport | ..... | Newport, v. . . . | 1.03 | 1.56 | ..... | ..... |
| 5069 | { 26 23 } | { 14 1, 3 } | { Poland Village—Coldbrook Village. Poland Village—Coldbrook Village. | Newport | ..... | Poland, v. . . . | 0.54 | 2.03 | ..... | ..... |
| 5105 | 6 | 2, 4 | Little Falls City | Russia | ..... | Poland, v. . . . | 0.69 | ..... | ..... | ..... |
| 5159 ² | 6 | 1 | East Creek | Russia | ..... | Cold Brook, v. . . . | 0.80 | 1.45 | ..... | ..... |
| 5161 | 6 | 13 | Ilion Village | Manheim | ..... | Little Falls, c. . . . | 1.45 | 0.17 | ..... | ..... |
| 5170 | { 6 Pet. V-1007 } | { 10 1007 } | Mohawk Village | German Flats | ..... | Ilion, v. . . . | 1.51 | 1.51 | ..... | ..... |
| 5209 | 6 | 18 | Utica—Frankfort, Part 1. | German Flats | ..... | Mohawk, v. . . . | 1.35 | 1.35 | ..... | ..... |
| 5219 | { 6 Pet. V-1062 } | { 14, 15 1062 } | Ilion—Frankfort | Frankfort | 3.07 | ..... | ..... | 3.07 | ..... | ..... |
| 5243 ² | 25 | 1 | Boonville Town Line—McKeever | Frankfort | 0.99 | Frankfort, v. . . . | 1.25 | 2.47 | ..... | ..... |
| 5411 | 6 | 5-A | West Creek | German Flats | ..... | Ilion, v. . . . | 0.23 | ..... | ..... | ..... |
| 5441 | 25 | 3 | Old Forge Village | Wilmurt | 0.44 | ..... | ..... | 1.26 | ..... | ..... |
| 5465 ² | { 23-A 23 } | { 6 1 } | West Winfield—Bridgewater | Webb | 0.82 | ..... | ..... | ..... | ..... | ..... |
| 5466 | 23-A | 2, 3 | Ilion—Cedarville | Herkimer | 0.05 | Herkimer, v. . . . | 0.04 | 0.09 | ..... | ..... |
| 5513 | 23-A | 1 | Ilion Village: Otsego Street | Webb | ..... | Old Forge, v. . . . | 1.26 | 1.26 | ..... | ..... |
| 5524 | 5 | 1, 2 | Jordanville—Richfield Springs | Winfield | 0.14 | West Winfield, v. . . . | 1.03 | 1.17 | ..... | ..... |
| 5559 ⁴ | 26 | 15-16 | Poland—Trenton | German Flats | 1.96 | Ilion, v. . . . | 0.30 | 7.12 | ..... | ..... |
| | | | | Litchfield | 4.86 | ..... | ..... | ..... | ..... | ..... |
| | | | | German Flats | ..... | Ilion, v. . . . | 0.90 | 0.90 | ..... | ..... |
| | | | | Warren | 5.27 | ..... | ..... | 5.27 | ..... | ..... |
| | | | | Russia | 3.56 | Poland, v. . . . | 0.74 | 4.30 | ..... | ..... |

| | | | | | | | | |
|------|------|------|--|---|----------------------|-----------------|-------|-------|
| 5579 | 5 | 4, 5 | Mohawk—Paines Hollow..... | { German Flats..... Little Falls..... Little Falls..... | 6.34 0.21 0.04 | ..... | 6.55 | ..... |
| 5584 | 5 | 3 | Paines Hollow—Jordanville..... | { German Flats..... Warren..... Litchfield..... | 1.09 3.05 0.09 | ..... | 4.18 | ..... |
| 5621 | 23-A | 4, 5 | Cedarville—West Winfield..... | { Columbia..... Winfield..... | 1.12 4.36 | ..... | ..... | 5.57 |
| 5631 | 5 | 6 | Mohawk Village: Columbia and Hammond Streets..... | German Flats..... | ..... | Mohawk, v. | 0.71 | ..... |
| | | | | | Towns..... | ..... | 25.51 | 6.55 |
| | | | | | Villages..... | ..... | 13.54 | 13.54 |
| | | | | | Cities..... | ..... | 1.45 | 1.45 |
| | | | | | Totals..... | ..... | 14.99 | 40.50 |
| | | | | | | | 6.55 | 5.57 |

JEFFERSON COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | |
|-----|-----------------|---|----------------------------------|--------------|-------|
| 147 | 265..... | Burrs Mills..... | { Watertown..... Rutland..... | 2.85 1.07 | ..... |
| 181 | 340..... | Watertown — Sacketts Harbor — Henderson, Part 1..... | Hounsfield..... | 6.04 | ..... |
| 182 | 342..... | Redwood—Alexandria Bay, Part 1.. | Alexandria..... | 2.97 | ..... |

¹Original plans 0.77 mile. 0.68 mile constructed. 0.05 mile discarded for re-location under No. 5411.

²Part in Oneida county. Total length 18.03 miles.

³1.21 miles in Oneida county and 1.83 miles in Otsego county. Total length 3.96 miles.

⁴Total length 8.89 miles. 4.56 miles in Oneida county.

⁵Original plans 0.14 mile. 0.03 mile added by change in alignment.

⁶Exclusive of villages.

JEFFERSON COUNTY — Continued

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles under con- struc- tion completed | Miles ap- proved and awaiting contract |
|---------------------|-----------------|---|-----------------------|----------------------|------------------|-------------------------------------|---|--|
| 183 | 339 | Adams—Henderson, Part 1 | Adams | 3.02 | ..... | ..... | 3.02 | ..... |
| 184 | 344 | Pierrepont Manor—Ellisburg | Ellisburg | 2.95 | ..... | ..... | 2.95 | ..... |
| 185 | 272 | State | Lorraine | 1.00 | ..... | ..... | 1.00 | ..... |
| 186 | 343 | Depot | Lyme | 0.99 | ..... | ..... | 0.99 | ..... |
| 234 | 339 | Adams—Henderson, Part 2 | { Adams Henderson | { 0.70 6.19 | { Adams | { | { 6.89 | { |
| 235 | 340 | Watertown—Sacketts Harbor— Henderson, Part 2 | Hounsfield | 2.23 | ..... | ..... | 2.23 | ..... |
| 236 | 342 | Redwood—Alexandria Bay, Part 2 | Alexandria | 4.17 | ..... | ..... | 4.17 | ..... |
| 237 | 341 | Sacketts Harbor | Watertown | 1.45 | ..... | ..... | 1.45 | ..... |
| 238 | 339, 345 | Henderson Harbor | Henderson | 5.09 | ..... | ..... | 5.09 | ..... |
| 423 | 401 | Watertown—Theresa, Part 3 | Theresa | 4.19 | ..... | ..... | 4.19 | ..... |
| 424 | 439 | Belleville—Adams, Part 1 | { Ellisburg Adams | { 1.37 0.23 | { | { | { 1.60 | { |
| 425 ¹ | 490 | Adams—Watertown, Part 2 | Adams | 3.16 | ..... | ..... | 3.16 | ..... |
| 426 | 466 | State, Part 2 | Lorraine | 4.03 | ..... | ..... | 4.03 | ..... |
| 427 ² | 464, 489 | Watertown—Carthage, Part 2 | { Rutland Champion | { 3.05 2.40 | { | { | { 5.45 | { |
| 428 ³ | 451 | Watertown—Carthage, Part 3 | Wilna | 4.87 | ..... | ..... | 4.87 | ..... |
| 440 ⁴ | 440, 441, 442 | Philadelphia | Philadelphia | 5.39 | ..... | ..... | 5.39 | ..... |
| 565 ⁵ | 541 | Watertown—Theresa, Part 1 | Pamelis | 7.34 | ..... | ..... | 7.34 | ..... |
| 624 ⁶ | 450 | Carthage—Wilna | Wilna | 3.09 | ..... | ..... | 3.09 | ..... |
| 625 | 782-H, 438 | Theresa—Antwerp, Part 2 | Antwerp | 5.37 | ..... | ..... | 5.37 | ..... |
| 626 | 488 | Burrs Mills—South Champion | Rutland | 4.55 | ..... | ..... | 4.55 | ..... |

| | | | | | | | |
|-------------------|----------------------------|--|------------------------------|-------|-----------------------|-------|-------|
| 814 | 782..... | Watertown—Theresa, Part 2..... | { Pamela. Le Ray..... | 0.09 | ..... | ..... | 5.31 |
| 835 | { 467, 3253, 2388..... | Adams Center—Tremaines Corners..... | { Rodman Adams..... | 5.39 | ..... | ..... | 7.04 |
| 836 ⁷ | ..... | Watertown—Carthage, Part 1..... | ..... | 1.65 | ..... | ..... | ..... |
| 844 | V-3, 339..... | Henderson Village..... | Henderson..... | ..... | Henderson, v... 1.06 | ..... | 1.06 |
| 1129 | 3013..... | Lewis County Line—So. Champion..... | Champion..... | 2.45 | ..... | ..... | 2.45 |
| 1130 | 3404, V-243..... | Alexandria Bay: Church Street..... | Alexandria..... | ..... | Alexandria Bay 0.36 | ..... | 0.36 |
| 1131 | 3377, V-242..... | Sacketts Harbor..... | Hounsfield..... | ..... | Sacketts Harbor 2.46 | ..... | 2.46 |
| 1132 | 1027..... | Ellisburg—Belleville..... | Ellisburg..... | 2.29 | ..... | ..... | 2.29 |
| 1133 | 782..... | Theresa—Antwerp, Part 1..... | { Theresa Antwerp..... | 1.04 | ..... | ..... | 4.72 |
| 1134 ⁸ | V-257, 3274..... | Watertown City: Gifford and State Streets..... | { Watertown | 0.16 | Antwerp, v... 0.19 | ..... | 0.19 |
| 1148 | { 782, 1020, 3372..... | Cape Vincent—Watertown, Part 1..... | { Cape Vincent Lyme..... | 4.86 | Watertown, c... 0.83 | ..... | 0.83 |
| 1149 | 3379..... | Ellisburg—Village..... | Ellisburg..... | 2.52 | Cape Vincent, v. 1.54 | ..... | 1.54 |
| 1150 | 3378, V-249..... | Belleville Village: Main and Washington Streets..... | ..... | ..... | Ellisburg, v... 1.69 | ..... | 1.69 |
| 1151 | { 2387, 2856, 3374..... | Theresa—Browns Corners..... | { Theresa Alexandria..... | 3.58 | Belleville, v... 1.13 | ..... | 1.13 |
| 1164 | { 1029, 782, V-252..... | Cape Vincent—Watertown, Part 2..... | { Lyme Brownville..... | 3.38 | Theresa, v... 1.27 | ..... | 1.27 |
| | | | | 4.34 | Chaumont, v... 1.76 | ..... | 1.76 |
| | | | | 3.01 | ..... | ..... | 9.11 |

¹ Included in State Route No. 30.² 6.00 miles included in State Route No. 27.³ Included in State Route No. 27.⁴ 1.40 miles included in State Route No. 30.⁵ 0.65 mile included in State Route No. 30.⁶ Included in State Route No. 30-A.⁷ Built as State Highway No. 6005 on Route No. 27.⁸ 0.35 mile included in State Route No. 27.

* Exclusive of villages.

JEFFERSON COUNTY — Continued

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|--|--|---------------------------------------|----------------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1165 | 1153, V-279. | Theresa—Philadelphia, Part 1. | Theresa | 2.26 | Theresa, v. | 1.27 | 3.53 | ..... | ..... |
| 1166 | 3413, V-253. | Adams Village: South Main Street and Pierpont Manor Hamlet: Ellisburg Street | Adams Ellisburg | 0.48 | Adams, v. | 0.30 | 0.78 | ..... | ..... |
| 1181 | V-259, 3373, 3430 | Adams Village: Railroad Street | Adams | ..... | Adams, v. | 0.67 | 0.67 | ..... | ..... |
| 1182 | { V-309, 3370, 2985, 2982, 2984, V- 294 | Brownville. Hounsfield. Watertown. | Brownville Hounsfield Watertown | 1.18 3.84 1.62 | Dexter, v. | 0.55 | 8.36 | ..... | ..... |
| 1197 | 3444, 3447, V-307 | Watertown, e. | Watertown | ..... | Watertown, e. | 1.17 | ..... | ..... | ..... |
| 1225 | 2382 | Carthage—Naumburg, Part 1. | Wilna | 0.75 | Carthage, v. | 1.06 | 1.81 | ..... | ..... |
| 1228 | 2733, 2853 | Lorraine—Worth, Part 1. | Lorraine | 2.86 | ..... | ..... | 2.86 | ..... | ..... |
| 1227 | 3432 | Lorraine—Worth, Part 2. | Worth | 2.40 | ..... | ..... | 2.40 | ..... | ..... |
| 1253 | { 2980, 2978, V-323 | Redwood—St. Lawrence Co. Line. | Alexandria | 4.60 | ..... | ..... | 4.60 | ..... | ..... |
| 1255 | 2981, 2979 | Chaumont—Depauville. | Lyme | 3.23 | Chaumont, v. | 0.26 | 6.09 | ..... | ..... |
| 1256 | 3521, 2977 | Cape Vincent—Clayton. | Clayton | 2.61 | ..... | ..... | ..... | 14.05 | ..... |
| 1397 | 2977, 3518 | Gunn Cors.—Fishers Landing, Pt. 1. | Cape Vincent | 8.39 | ..... | ..... | ..... | 7.76 | ..... |
| 1484 | V-30 | Gunn Cors.—Fishers Landing, Pt. 2. | Clayton | 4.95 | Clayton, v. | 0.71 | ..... | ..... | 6.65 |
| | | Philadelphia Vill.: North & South Main Streets | Orleans | 0.42 7.34 6.65 | ..... | ..... | ..... | ..... | ..... |
| | | | Philadelphia | ..... | Philadelphia, v. | 0.66 | 0.66 | ..... | ..... |

| | | | | | | |
|--------------------|---------------|--------------|--------------|---------------|--------------|-------------|
| Towns..... | 186.81 | ..... | ..... | 159.06 | 25.10 | 6.65 |
| Villages..... | ..... | ..... | 16.91 | 15.66 | 1.37 | ..... |
| Cities..... | ..... | ..... | 2.00 | 2.00 | ..... | ..... |
| Totals..... | 186.81 | ..... | 18.93 | 176.62 | 22.47 | 6.65 |

STATE HIGHWAYS.

| | Route No. | Section | | | | | | | |
|---------------------|---------------|---------|--------------------------------|-------------------|-------|-----------------|-------|-------|-------|
| 5005 ¹ | 27 | 5, 7 | Black River—Watertown..... | { Le Ray..... | 2.82 | ..... | ..... | ..... | ..... |
| | | | | { Pamela..... | 0.77 | ..... | ..... | 4.68 | ..... |
| | | | | { Rutland..... | ..... | Black River, v. | 1.09 | ..... | ..... |
| 5119 | 30 | 11 | Adams—Watertown, Part 3..... | { Watertown..... | 3.25 | ..... | ..... | 3.25 | ..... |
| 5140 | 27 | 10, 11 | Watertown—Clayton, Part 1..... | { Pamela..... | ..... | Watertown, e. | 0.86 | ..... | ..... |
| 5152 | 27 | 4-C | Felts Mills..... | { Rutland..... | 4.39 | ..... | ..... | 5.25 | ..... |
| | | | | { Rutland..... | 0.28 | ..... | ..... | 0.28 | ..... |
| 5175 | 27 | 6 | Black River..... | { Rutland..... | ..... | Black River, v. | 0.35 | ..... | ..... |
| 5206 | 27 | 13 | Watertown—Clayton, Part 3..... | { Le Ray..... | 0.05 | ..... | ..... | 0.40 | ..... |
| | | | | { Clayton..... | 6.20 | Clayton, v. | 1.11 | 7.31 | ..... |
| 5257 | 27 | 12 | Watertown—Clayton, Part 2..... | { Pamela..... | 0.20 | ..... | ..... | ..... | ..... |
| | | | | { Brownville..... | 3.16 | ..... | ..... | 8.41 | ..... |
| | | | | { Clayton..... | 5.05 | ..... | ..... | ..... | ..... |
| 5289 | 30 | 13, 14 | County Line—Adams Center..... | { Ellisburg..... | 8.29 | Manassville, v. | 1.09 | ..... | ..... |
| 5289-A ² | Pet. V-1188 | | County Line—Adams Center..... | { Adams..... | 3.17 | Adams, v. | 0.87 | 13.42 | ..... |
| 5289-B ³ | | | County Line—Adams Center..... | { Adams..... | ..... | Adams, v. | 0.16 | ..... | 0.16 |
| | | | | { Ellisburg..... | 0.49 | ..... | ..... | 0.49 | ..... |
| 5304 | { 27 | 14 | { Clayton—Alexandria Bay..... | { Clayton..... | 3.14 | Clayton, v. | 0.68 | ..... | ..... |
| | { Pet. V-1083 | | | { Orleans..... | 2.94 | ..... | ..... | 11.33 | ..... |
| | | | | { Alexandria..... | 3.98 | Alexand. Bay, v | 0.59 | ..... | ..... |

¹ Original contract forfeited September 27, 1916.² Original contract 4.94 miles; 4.77 miles constructed, of which 0.02 mile in Le Ray and 0.07 mile in Rutland was discarded or reconstructed under No. 5175.³ A portion of No. 5289 omitted from original contract.⁴ Exclusive of villages.

JEFFERSON COUNTY — Concluded

| STATE HIGHWAYS. | Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|---------------------|-------------|-------------|---------|--|---------------|----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5304-A ¹ | 5332 | 27 | 17 | Clayton—Alexandria Bay | Clayton | ..... | Clayton, v..... | 0.15 | 0.15 | ..... | ..... |
| 5332-A ² | | 27 | 1 | Lowville—Carthage | Champion | ..... | West Carthage | 1.12 | 1.12 | ..... | ..... |
| | | Pet. V-1200 | | | | | | | | | |
| | | 27 | 2, 4 | Carthage Village: State and School Streets and West End Avenue | Wilna | ..... | Carthage, v..... | 1.97 | 1.97 | ..... | ..... |
| 5344 | | 30-A | 1 | | | | | | | | |
| | | Pet. V-1121 | | | | | | | | | |
| 5402 | | 30-A | 1-A | Carthage Village: State Street | Wilna | ..... | Carthage, v..... | 0.35 | ..... | ..... | 0.35 |
| | | 27 | 3 | | | | | | | | |
| 5403 | | 27 | 13-A | Clayton Village | Clayton | ..... | Clayton, v..... | 1.17 | 1.17 | ..... | ..... |
| | | Pet. V-1181 | | | | | | | | | |
| 5426 | | 30 | 10 | Adams—Watertown, Part 4 | Watertown | 1.81 | ..... | ..... | 1.81 | ..... | ..... |
| 5427 | | 30 | 1 | Antwerp—County Line | Antwerp | 5.35 | Antwerp, v..... | 0.41 | 5.76 | ..... | ..... |
| 5530 | | 27 | 8 | Watertown City: Eastern Boulevard | Watertown, c. | ..... | Watertown, c. | 0.95 | 0.95 | ..... | ..... |
| 5548 | | 30 | 2, 3 | Philadelphia—Antwerp | Philadelphia | 2.15 | Philadelphia, v. | 1.25 | 7.27 | ..... | ..... |
| | | 30-A | 7 | | Antwerp | 2.78 | Antwerp, v..... | 1.09 | ..... | ..... | ..... |
| 5617 | | 30 | 4 | Watertown—Philadelphia, Part 2 | Le Ray | 3.79 | ..... | ..... | ..... | 5.03 | ..... |
| | | | | | Philadelphia | 1.24 | ..... | ..... | ..... | ..... | ..... |
| 5618 | | 30-A | 6 | Carthage—Antwerp, Part 4 | Wilna | 0.84 | ..... | ..... | ..... | 4.05 | ..... |
| | | Pet. V-1222 | | | Antwerp | 2.75 | Antwerp, v..... | 0.46 | ..... | ..... | ..... |
| | | | | | | Towns..... | 68.80 | ..... | 60.27 | 8.62 | ..... |
| | | | | | | Villages..... | ..... | 13.91 | 12.94 | 0.46 | 0.51 |
| | | | | | | Cities..... | ..... | 1.81 | 1.81 | ..... | ..... |
| | | | | | | Totals..... | 68.80 | 15.72 | 75.02 | 9.08 | 0.51 |

LEWIS COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | | | | | |
|------------------|--------------------------|---|--|-------|-------|-------|-------|-------|-------|
| 847 ² | 547, 816..... | Copenhagen—Lowville, Part 2..... | Lowville..... | 5.40 | ..... | ..... | 5.40 | ..... | ..... |
| 937 | V-10, 2641.. | Copenhagen—(Denmark)..... | Denmark..... | 2.70 | ..... | ..... | 3.82 | ..... | ..... |
| 1020 | 816..... | Copenhagen—Lowville, Part 1..... | { Harrisburg Lowville..... | 4.42 | ..... | ..... | 4.61 | ..... | ..... |
| 1092 | V-219..... | Lowville Village..... | Lowville..... | 0.19 | ..... | ..... | 0.51 | ..... | ..... |
| 1191 | 3070..... | Carthage—Naumburg, Part 2..... | Croghan..... | 6.36 | ..... | ..... | 6.36 | ..... | ..... |
| 1192 | 3070, 816... | Naumburg—Croghan..... | { Croghan New Bremen..... | 3.96 | ..... | ..... | 5.71 | ..... | ..... |
| 1193 | 816, 3420... | Lowville—Croghan..... | Lowville..... | 2.37 | ..... | ..... | 9.17 | ..... | ..... |
| 1299 | 3192..... | Constableville—Lyons Falls, P. rt 2. | { New Bremen West Turin..... | 6.84 | ..... | 0.46 | 2.00 | ..... | ..... |
| 1300 | 547..... | Barnes Corners—West Lowville, Part 2..... | { Harrisburg Lowville..... | 6.65 | ..... | ..... | 8.82 | ..... | ..... |
| 1301 | V-328, 3525. | Lowville Village: Shady Avenue and East State Street..... | Lowville..... | 2.17 | ..... | ..... | 1.27 | ..... | ..... |
| 1443 | { 816, 3212 3213..... | { Barnes Cora.—Copenhagen, Part 2.. Barnes Cora.—W. Lowville, Part 1.. | { Pinckney Harrisburg Denmark..... | 2.49 | ..... | 0.08 | 4.74 | ..... | ..... |
| 1490 | 2389, 547... | Barnes Cora.—W. Lowville, Part 1.. | Pinckney..... | 5.37 | ..... | ..... | 5.37 | ..... | ..... |
| | | Towns..... | Towns..... | 53.96 | ..... | ..... | 40.86 | 8.82 | 4.28 |
| | | Villages..... | Villages..... | ..... | ..... | ..... | 3.82 | 3.36 | 0.46 |
| | | Cities..... | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Totals..... | Totals..... | 53.96 | ..... | 3.82 | 44.22 | 8.82 | 4.74 |

¹ A portion of No. 5304 cancelled for grade crossing elimination and later built by Department forces.

² Total length 14.35 miles. Part in Lewis county. 0.76 mile of original contract in Jefferson county cancelled and re-let as No. 5332-A.

³ Original contract 5.74 miles. 5.43 miles constructed of which 0.02 mile was rebuilt as No. 1020.

* Exclusive of villages.

LEWIS COUNTY — Concluded

| STATE HIGHWAYS. | | | | | | | | | | |
|--------------------|----------------------------|---------|-------------------------------|------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| High-way No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
| 5036 | 27 | 7 | Lowville—Martinsburg..... | Lowville..... | 0.57 | ..... | ..... | 2.61 | ..... | ..... |
| 5077 | 27 | 6 | Martinsburg—Turin..... | Martinsburg..... | 2.04 | ..... | ..... | 3.08 | ..... | ..... |
| 5309 | { 27 8 Pet. V-1092 } | | Lowville Village..... | Lowville..... | 3.08 | Lowville, v.... | 1.31 | 1.31 | ..... | ..... |
| 5327 | 27 | 1-5 | Onsida County Line—Turin..... | Leyden..... | 5.67 | ..... | ..... | 14.77 | ..... | ..... |
| 5332 } 5332-B } | 27 | 9, 10 | Lowville—Carthage..... | West Turin..... | 3.10 | ..... | ..... | ..... | ..... | ..... |
| | | | | Turin..... | 4.92 | Turin, v.... | 1.08 | ..... | ..... | ..... |
| | | | | Lowville..... | 5.53 | ..... | ..... | 13.23 | ..... | ..... |
| | | | | Denmark..... | 7.70 | ..... | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 32.61 | ..... | ..... | 32.61 | ..... | ..... |
| | | | | Villages..... | ..... | ..... | 2.39 | 2.39 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 32.61 | ..... | 2.39 | 35.00 | ..... | ..... |

LIVINGSTON COUNTY

| LIVINGSTON COUNTY | | | | | | | | | |
|-------------------|----------|-----------------------------------|----------------------|------|-------|-------|-------|------|-------|
| COUNTY HIGHWAYS. | | Petition No. | | | | | | | |
| 482 | 122..... | Dansville—Mount Morris, Part 3... | Mount Morris..... | 2.23 | ..... | ..... | ..... | 2.23 | ..... |
| 622 ^a | 123..... | Mount Morris—Geneseo..... | Mount Morris..... | 1.39 | ..... | ..... | ..... | 5.17 | ..... |
| | | | Groveland..... | 1.27 | ..... | ..... |  |  |  |
| 623 | 124..... | Geneseo—Avon..... | Geneseo..... | 2.51 | ..... | ..... | ..... | 6.97 | ..... |
| | | | Geneseo..... | 3.72 | ..... | ..... |  |  |  |
| | | | Avon..... | 3.25 | ..... | ..... |  |  |  |
| 714 | 122..... | Dansville—Mount Morris, Part 1... | North Dansville..... | 0.72 | ..... | ..... | ..... | 5.37 | ..... |
| | | | West Sparta..... | 4.65 | ..... | ..... |  |  |  |

| | | | | | | | |
|-------------------|-------------------------------|------------------------------------|---------------------------------|-------|-------|-------|-------|
| 715 | 122..... | Dansville—Mount Morris, Part 2.. | { West Sparta Groveland..... | 2.89 | ..... | 4.54 | ..... |
| 716 | 1616..... | Livonia—Lakeville..... | Livonia..... | 1.65 | ..... | 2.22 | ..... |
| 717 | { 1168, 1608, 2372, 2373 } | Livonia—Ontario County Line.... | Livonia..... | 2.22 | ..... | 5.83 | ..... |
| 718 | 1249, 1607.. | Geneseo—Piffard..... | York..... | 5.83 | ..... | 2.12 | ..... |
| 828 | 1614..... | Kuder's Cor's—Springwater Town L. | Conesus..... | 2.12 | ..... | 7.17 | ..... |
| 829 | V-272, 2374. | Livonia—Conesus Town Line..... | Livonia, v..... | 3.63 | 0.54 | 4.17 | ..... |
| 855* | V-60..... | Mount Morris Village..... | Mount Morris..... | ..... | 0.47 | 0.47 | ..... |
| 856 | V-29, 2645.. | Geneseo Village..... | Geneseo, v..... | ..... | 1.32 | 1.32 | ..... |
| 867 | V-42..... | Dansville Village..... | North Dansville..... | ..... | 1.09 | 1.09 | ..... |
| 1010 | V-103..... | Livonia Village..... | Livonia..... | ..... | 0.98 | 0.98 | ..... |
| 1030 | V-140, 3036. | Avon Village..... | Avon, v..... | ..... | 1.25 | 1.25 | ..... |
| 1247 | 1609, 2552.. | Moscow—Geneseo..... | { Leicester Geneseo..... | 2.63 | ..... | 3.51 | ..... |
| 1248 | 2551, V-49.. | Perry Center—Moscow, Part 2.... | Leicester, v..... | 0.88 | 0.74 | 3.96 | ..... |
| 1249 | 3154..... | West Rush—East Avon..... | Avon..... | 3.22 | ..... | 2.18 | ..... |
| 1318 | 3349..... | W. Bloomfield—Honeoye Falls, P't 2 | Lima..... | 2.18 | ..... | 0.24 | ..... |
| 1321 ¹ | 1610..... | Conesus—Wayland..... | Springwater..... | 0.24 | ..... | 8.34 | ..... |
| 1350 | { 2370, 3660, 3664 .. } | Nunda—Dalton..... | Nunda..... | 8.34 | 0.39 | 3.42 | ..... |
| 1351 | 311..... | Groveland—West Sparta..... | { Groveland West Sparta..... | 3.03 | ..... | 2.05 | ..... |
| 1459 | 3592, 3731.. | Wayland—Dansville, Part 2..... | North Dansville..... | 0.94 | 0.18 | 1.47 | ..... |
| | | | Towns..... | 1.29 | ..... | 58.72 | 10.39 |
| | | | Villages..... | 69.11 | ..... | 6.96 | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 69.11 | 6.96 | 65.68 | 10.39 |

¹ Total length 14.35 miles. Part in Jefferson county. Original plans 13.21 miles in Lewis county. 1.76 miles in Lowville and 5.10 miles in Denmark cancelled and re-let as No. 5332-B.

² 1.66 miles included in State Route No. 15.

³ Included in State Route No. 15.

⁴ Original contract forfeited August 2, 1916.

*Exclusive of villages.

MADISON COUNTY

COUNTY HIGHWAYS.
Petition No.

| | | | | | | |
|------|---|-----------------------------|-------|----------------------|-------|-------|
| 327 | Syracuse Turnpike..... | Casnovia..... | 1.58 | ..... | 1.58 | ..... |
| 330 | Georgetown..... | Georgetown..... | 3.28 | ..... | 3.28 | ..... |
| 509 | Chittenango—Eagle Village..... | Sullivan..... | 2.18 | ..... | 2.18 | ..... |
| 506 | { 1317, 1365, } | { Lenox..... | 5.18 | Wampsville, v. 0.68 | 7.54 | ..... |
| 726* | Chittenango—Oneida, Part 2..... | { 1384..... | ..... | Oneida, c. 1.68 | ..... | ..... |
| 727* | Chittenango—Oneida, Part 1..... | Chittenango..... | ..... | ..... | ..... | ..... |
| 811 | Georgetown—Otselic..... | Georgetown..... | 2.38 | ..... | 2.38 | ..... |
| 812 | Canastota—South Bay..... | Lenox..... | 4.80 | ..... | 4.80 | ..... |
| 833 | De Ruyter—Otselic, Part 1..... | De Ruyter..... | 2.14 | ..... | 2.14 | ..... |
| 908 | Canastota Village..... | Lenox..... | ..... | Canastota, v. 2.06 | 2.06 | ..... |
| 955 | Chittenango Vil.: Seneca Turnpike.. | Sullivan..... | ..... | Chittenango, v. 0.42 | 0.42 | ..... |
| 962 | Bridgeport—Lakeport..... | Sullivan..... | 5.09 | ..... | 5.09 | ..... |
| 1022 | Lakeport—Oneida Lake..... | Sullivan..... | 3.18 | ..... | 3.18 | ..... |
| 1110 | Oneida—South Bay, Part 1..... | Oneida, c. (low tax)..... | 3.05 | ..... | 3.05 | ..... |
| 1160 | Oneida—Munnsville, Part 1..... | { Oneida, c. (low tax)..... | 3.32 | ..... | 4.95 | ..... |
| 1216 | Chittenango—Lakeport, Part 1..... | Stockbridge..... | 1.63 | ..... | ..... | ..... |
| 1217 | Oneida—Munnsville, Part 2..... | Sullivan..... | 1.70 | Chittenango, v. 0.16 | 1.86 | ..... |
| 1326 | DeRuyter Village: Albany Street.... | Stockbridge..... | 2.25 | Munnsville, v. 0.93 | 3.18 | ..... |
| 1360 | Munnsville—Pratts Hollow—Pine Woods..... | DeRuyter..... | ..... | DeRuyter, v. 0.18 | 0.18 | ..... |
| 1361 | Oneida Lake—South Bay and Oneida—South Bay, Part 2..... | { Stockbridge..... | 2.90 | Munnsville, v. 0.03 | ..... | 6.54 |
| 1374 | Oneida City: William Street..... | Eaton..... | 3.61 | ..... | ..... | ..... |
| | Lenox..... | Lenox..... | 5.65 | ..... | ..... | 5.65 |
| | Oneida, c. | Oneida, c. | 0.91 | ..... | 0.91 | ..... |
| | Towns..... | Towns..... | 53.92 | ..... | 41.76 | 12.16 |
| | Villages..... | Villages..... | ..... | 4.46 | 4.43 | 0.03 |
| | Cities..... | Cities..... | ..... | 2.59 | 2.59 | ..... |
| | Totals..... | Totals..... | 53.92 | 7.05 | 48.78 | 12.19 |

* Original mileage 4.20. 4.26 miles constructed.

* 5.84 miles included in State Route No. 6.

* Built as State Highways No. 8014 and No. 5120 on Route No. 6.

* Exclusive of villages.

MADISON COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|--------------------------|---------------|---------------------------------------|---------------------------|----------------|----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5014 | 6 | 4 | Chittenango—Oneida, Part 1..... | Sullivan..... | 3.19 | ..... | ..... | 3.19 | ..... | ..... |
| 5078 | 6 | 1 | Wampsville—Oneida Castle..... | Oneida, c. (low tax)..... | 2.56 | ..... | ..... | 2.56 | ..... | ..... |
| 5120 | { 6 5 Pet V-1013 } | { 5 5 } | Fayetteville—Chittenango, Part 2.. | Sullivan..... | 1.95 | Chittenango, v. | 1.36 | 3.31 | ..... | ..... |
| 5329 | 9 | 6, 7 | Cazenovia—Morrisville..... | Cazenovia..... | 1.37 | ..... | ..... | 10.11 | ..... | ..... |
| 5330 | 9 | 8, 9 | Morrisville—Bouckville..... | Nelson..... | 6.33 | ..... | ..... | ..... | ..... | ..... |
| 5380 | 8 | 7 | Bouckville—Madison..... | Easton..... | 2.24 | Morrisville, v... | 0.17 | ..... | ..... | ..... |
| 5447 | 8 | 8 | Madison—Oriskany Falls..... | Easton..... | 4.15 | Morrisville, v... | 0.87 | 5.63 | ..... | ..... |
| 5492 | 8 | 4-6 | Hamilton—Bouckville..... | Madison..... | 0.61 | ..... | ..... | 2.45 | ..... | ..... |
| 5515 | 9 | 1 | De Ruyter Vil.: Cortland & Utica Sta. | Madison..... | 1.78 | Madison, v..... | 0.67 | 3.35 | ..... | ..... |
| 5585 ¹ | 8 | 1, 2, 3 | Earl vill —Hamil on..... | Madison..... | 3.35 | ..... | ..... | 5.79 | ..... | ..... |
| 5586 ² | 9 | 2, 3 | DeRuyter—New Woodstock..... | Hamilton..... | 2.98 | Hamilton, v.... | 1.52 | 0.81 | ..... | ..... |
| | | | | Easton..... | 1.29 | ..... | ..... | ..... | 5.59 | ..... |
| | | | | De Ruyter..... | ..... | De Ruyter, v... 0.81 | 0.76 | ..... | ..... | ..... |
| | | | | Hamilton..... | 3.28 | Earlville, v.... | ..... | ..... | ..... | ..... |
| | | | | Lebanon..... | 1.55 | ..... | ..... | ..... | ..... | ..... |
| | | | | De Ruyter..... | 6.09 | ..... | ..... | 3.05 | 4.86 | ..... |
| | | | | Cazenovia..... | 1.82 | ..... | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 44.54 | ..... | ..... | 34.09 | 10.45 | ..... |
| | | | | Villages..... | ..... | ..... | 6.16 | 6.16 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 44.54 | ..... | 6.16 | 40.25 | 10.45 | ..... |

MONROE COUNTY

COUNTY HIGHWAYS.
Petition No.

| | | | | | | | | |
|-----|---------|--|-------------------|-------|-------------------|-------|-------|-------|
| 5* | 53 | Fast Av. (Brighton—Fairport Pt. 1) | Brighton..... | 1.71 | ..... | ..... | 2.45 | ..... |
| 6* | 40 | Ridge, Pt. 1 (Rochester—W. Greece) | Pittsford..... | 0.74 | ..... | ..... | 6.49 | ..... |
| 15 | 41 | Hudson Avenue, Part 1..... | Greece..... | 6.49 | ..... | ..... | ..... | ..... |
| 60* | 43 | Fairport (Brighton—Fairport, Pt. 2) | Rochester, c..... | ..... | 0.03 | ..... | 0.63 | ..... |
| 61 | 129 | Pittsford..... | Irondequoit..... | 0.60 | ..... | ..... | ..... | ..... |
| 62 | 45, 917 | West Henrietta—Rochester..... | Pittsford..... | 1.78 | ..... | ..... | 3.04 | ..... |
| 63 | 46, 121 | Rochester—Scottsville, Pt. 1..... | Perinton..... | 1.26 | ..... | ..... | 1.30 | ..... |
| 78 | 38 | Clifton, Pt. 1 (Maplewood—Chili)..... | Pittsford..... | 1.30 | ..... | ..... | ..... | ..... |
| 79* | 46 | Rochester—Scottsville, Pt. 2..... | Brighton..... | ..... | Rochester, c..... | 0.04 | 6.24 | ..... |
| 80 | 39, 210 | Hamlin, Pt. 1 (Brockport—Hamlin)..... | Henrietta..... | 2.22 | ..... | ..... | ..... | ..... |
| 81 | 39 | Hamlin, Pt. 2 (Hamlin—N. Hamlin)..... | Chili..... | 3.98 | ..... | ..... | 2.25 | ..... |
| 82* | 34 | Buffalo, Pt. 1 (Rochester r—Lincoln Park)..... | Chili..... | 1.92 | ..... | 0.33 | 3.62 | ..... |
| 83* | 34 | Buffalo, Pt. 2 (Lincoln Pt.—Moreton)..... | Chili..... | 3.62 | ..... | ..... | 7.58 | ..... |
| | | | Wheatland..... | 6.27 | ..... | 0.73 | 4.63 | ..... |
| | | | Clarkson..... | 0.58 | ..... | ..... | 4.06 | ..... |
| | | | Hamlin..... | 4.63 | ..... | ..... | 0.40 | ..... |
| | | | Gates..... | 4.06 | ..... | ..... | 5.20 | ..... |
| | | | Gates..... | 0.40 | ..... | ..... | ..... | ..... |
| | | | Gates..... | 5.20 | ..... | ..... | ..... | ..... |

* Total length 6.18 miles. Part in Chenango county.

* 2.32 miles included in State Route No. 20.

* 30 feet included in Rochester by change in corp. lines.

* 2.90 miles included in State Route No. 20.

* Original mileage built was 0.36 mile; 0.18 mile discarded at grade crossing and 0.22 mile built under Repair Contract No. 678.

* Original mileage built was 5.09 miles; 0.41 mile at grade crossing discarded and 0.52 mile built under Repair Contract No. 678.

* 6.05 included in Route No. 15.

* Portion accepted under the Hewitt Act.

* Exclusive of villages.

MONROE COUNTY — Continued

| Highway No. | Position No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved awaiting contract |
|------------------|--------------|--|---------------|---------------|-----------------|--------------------------|-----------------|--------------------------|----------------------------------|
| 94 ¹ | 32, 193 | Monroe Avenue | Brighton | 2.33 | Rochester, c. | 0.23 | 4.15 | ..... | ..... |
| 98 ² | 42 | Rochester—Webster, Part 1 | Pittsford | 1.59 | ..... | ..... | ..... | ..... | ..... |
| 99 ² | 42 | Rochester—Webster, Part 2 | Irondequoit | 1.51 | Rochester, c. | 0.05 | 1.56 | ..... | ..... |
| 100 ² | 42 | Rochester—Webster, Part 3 | Penfield | 2.36 | ..... | ..... | 2.96 | ..... | ..... |
| 101 ² | 42 | Rochester—Webster, Part 4 | Webster | 0.60 | ..... | ..... | ..... | ..... | ..... |
| 165 | 162 | Ridge, Pt. 2 (W. Greece—Parma) | Webster | 3.06 | Webster, v. | 0.34 | 3.40 | ..... | ..... |
| 166 | 35, 198 | Penfield, Pt. 1 (Rochester—Penfield) | Parma | 2.37 | Webster, v. | 0.51 | 2.88 | ..... | ..... |
| 167 | 35 | Penfield, Pt. 2 (Penfield—C unty Line) | Brighton | 2.06 | ..... | ..... | 2.06 | ..... | ..... |
| 168 | 37 | Dugway (Rochester—County Line, Pt. 1) | Penfield | 1.17 | ..... | ..... | 3.63 | ..... | ..... |
| 169 | 37 | Dugway (Rochester—County Line, Pt. 2) | Penfield | 2.46 | ..... | ..... | 5.31 | ..... | ..... |
| 170 | 7 | Dugway (Rochester—County Line, Pt. 3) | Brighton | 5.31 | Rochester, c. | 1.47 | 3.32 | ..... | ..... |
| 171 ² | 171 | Lake, Pt. 1 (Brockport—Sweden) | Penfield | 0.62 | ..... | ..... | ..... | ..... | ..... |
| 172 | 15 | Portland Avenue, Part 1 | Penfield | 1.23 | ..... | ..... | ..... | ..... | ..... |
| | | | Penfield | 4.02 | ..... | ..... | 4.02 | ..... | ..... |
| | | | Penfield | 2.88 | ..... | ..... | 2.88 | ..... | ..... |
| | | | Sweden | 2.01 | ..... | ..... | 2.00 | ..... | ..... |
| | | | Rochester, c. | 0.67 | ..... | 0.04 | 0.71 | ..... | ..... |
| | | | Irondequoit | ..... | ..... | ..... | ..... | ..... | ..... |

| | | | | | | | |
|------------------|----------|--|---------------|------|-------|------|-------|
| 173 | 178 | Hudson Avenue, Part 2 | Irondequoit | 1.00 | ..... | 1.00 | ..... |
| 252 ¹ | 38 | Clifton, Pt. 2 (Chili—Buckbee) | Chili | 2.92 | ..... | 2.92 | ..... |
| 255 ² | 195 | Lyell | Gates | 2.12 | ..... | 2.12 | ..... |
| 254 ³ | 196 | Chili, Sec. 2 Rochester—(Chili, Pt. 1) | Rochester, c. | 0.85 | ..... | 3.11 | ..... |
| 255 ⁴ | 211 | Chili, Sec. 1 Rochester—(Chili, Pt. 2) | Gates | 2.26 | ..... | 2.56 | ..... |
| 257 | 215 | Ridge, Pt. 3 (Parma—Garland) | Parma | 3.60 | ..... | 3.60 | ..... |
| 259 | 214 | Ridge, Pt. 4 (Garland—Clarkson) | Clarkson | 3.36 | ..... | 3.36 | ..... |
| 276 | 162-A | Hilton | Parma | 4.30 | ..... | 4.30 | ..... |
| 286 | 163, 412 | Barnard Crossing, Parts 1 and 2 | Greece | 4.14 | ..... | 4.14 | ..... |
| | 333 | Left Fork—German Church—Roadman | Hamlin | 5.55 | ..... | 5.55 | ..... |
| 294 | 682 | Clover Street | Brighton | 0.22 | ..... | 5.89 | ..... |
| 398 ⁴ | 516 | County Line | Pittsford | 5.67 | ..... | 2.76 | ..... |
| 399 ⁷ | 324 | Latta | Hamlin | 2.76 | ..... | 6.82 | ..... |
| 400 | 177 | Portland Avenue, Part 2 | Greece | 6.67 | ..... | 0.93 | ..... |
| 401 | 689 | Rapids | Irondequoit | 0.93 | ..... | 1.90 | ..... |
| 402 | 410 | Buffalo, Pt. 3 (Moreton—No. Chili) | Gates | 1.61 | ..... | 3.62 | ..... |
| 403 | 515-A | Churchville—Riga | Ogden | 2.05 | ..... | 2.08 | ..... |
| | | | Chili | 1.57 | ..... |  | ..... |
| | | | Riga | 2.08 | ..... |  | ..... |

¹ Included in State Route No. 14. Original plans 4.23 miles, of which 0.02 mile over bridge was not constructed. 0.06 mile in Pittsford destroyed by barge canal and rebuilt as No. 5435.

² Included in State Route No. 30.

³ 0.50 mile included in State Route No. 30.

⁴ 0.46 mile included in State Route No. 16.

⁵ Included in State Route No. 16.

⁶ One-half in Orleans county. Actual length is 5.53 miles. Original contract 5.55 miles.

⁷ Original contract 6.84 miles. 6.82 miles constructed.

* Exclusive of villages.

MONROE COUNTY — Continued

| COUNTY HIGHWAYS | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-----------------|----------------|---------------------------------------|---------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 408 | 210 | Rich's Dugway—Penfield | { Penfield | 0.85 | ..... | ..... | 2.43 | ..... | ..... |
| 474 | 955 | Clover Street, Part 2 | { Brighton | 1.58 | ..... | ..... | 1.95 | ..... | ..... |
| 479 | 43 | Fairport, Part 2 | Perinton | 0.27 | ..... | ..... | 0.27 | ..... | ..... |
| 480 | 515 | Buffalo, Pt. 4 (N. Chili—Churchville) | Riga | 3.02 | ..... | ..... | 3.02 | ..... | ..... |
| 481 | 44 | Despatch—Pittsford, Part 2 | Pittsford | 0.99 | ..... | ..... | 0.99 | ..... | ..... |
| 491 | 409 | Hilton—Earletts Corners | Parma | 1.01 | ..... | ..... | 1.01 | ..... | ..... |
| 492 | 294, 435 | Lake, Part 2 and Fourth Section | Sweden | 5.75 | ..... | ..... | 5.75 | ..... | ..... |
| 493 | 684, 968 | Mendon—Pittsford | { Mendon | 2.63 | ..... | ..... | 5.71 | ..... | ..... |
| 493-A | 968 | Mendon—Pittsford (Pugley's Hill) | Pittsford | 3.08 | ..... | ..... | 0.48 | ..... | ..... |
| 494 | 197 | East Henrietta—Rochester | { Brighton | 1.89 | ..... | ..... | 4.43 | ..... | ..... |
| 495 | 408, 683, V-16 | Parma Corners—Spencerport—North Chili | { Henrietta | 2.54 | ..... | ..... | 6.15 | ..... | ..... |
| 495-A | 3434, V-16 | Spencerport Village | { Parma | 1.02 | ..... | 0.42 | 0.24 | ..... | 2.26 |
| 496 | 697 | Brockport—Holley, Part 1 | { Ogden | 4.71 | Spencerport, v. | 0.24 | ..... | ..... | ..... |
| 497 | 987 | Pittsford—North Henrietta | { Sweden | 2.15 | Spencerport, v. | ..... | 2.67 | ..... | ..... |
| 502 | 916 | Honeoye Falls—Pittsford Town Line | { Clarkson | 0.11 | ..... | ..... | 5.19 | ..... | ..... |
| 538 | 176, 179 | Ridge—Rochester—Sea Breeze | { Mendon | 5.19 | ..... | ..... | 5.66 | ..... | ..... |
| 573 | 980 | Sea Breeze—Nine Mile Point | { Irondequoit | 4.21 | Rochester, c. | 1.45 | 6.32 | ..... | ..... |
| 573-A | 980 | Sea Breeze—Nine Mile Point | Webster | 6.32 | ..... | ..... | 0.11 | ..... | ..... |
| 574 | 604, V-129 | Fairport—Nine Mile Point | { Webster | 0.11 | ..... | ..... | 11.40 | ..... | ..... |
| 574-A | | | { Perinton | 1.01 | Fairport, v. | 0.39 | ..... | ..... | ..... |
| | | | { Penfield | 5.29 | ..... | ..... | ..... | ..... | ..... |
| | | | { Webster | 3.63 | Webster, v. | 1.08 | ..... | ..... | ..... |

| | | | | | | | | |
|-------|--------------|---|------------------|-------|------------------|-------|-------|-------|
| 575 | 680, 692.... | Honeye Falls—Rush..... | { Rush..... | 2.41 | ..... | ..... | 4.08 | ..... |
| 588* | 962..... | Monroe—Orleans County line..... | { Mendon..... | 1.67 | ..... | ..... | ..... | ..... |
| 633 | 419..... | Hamlin..... | Clarkson..... | 1.04 | ..... | ..... | 1.04 | ..... |
| 634 | 2188, 2987.. | Buffalo, Part 5..... | Hamlin..... | 3.73 | ..... | ..... | 3.73 | ..... |
| 648 | 742, 743.... | West Henrietta—West Rush..... | Riga..... | 2.12 | Churchville, v.. | 1.31 | 3.43 | ..... |
| 760 | 691..... | Little Ridge, Part 5..... | { Henrietta..... | 1.63 | ..... | ..... | 7.37 | ..... |
| 764 * | 411..... | Scottsville—Mumford..... | { Rush..... | 5.74 | ..... | ..... | ..... | ..... |
| 766 | 1289, 1197.. | Pittsford—Palmyra, Parts 1 and 2.. | Clarkson..... | 3.83 | ..... | ..... | 3.83 | ..... |
| 767 | 1735, 1736.. | Victor—Mendon, Part 2..... | { Pittsford..... | 1.09 | ..... | ..... | 7.12 | ..... |
| 810 | 2571..... | Hilton Village..... | { Perinton..... | 6.03 | ..... | ..... | ..... | ..... |
| 851 * | 2442, V-24.. | Spencerport—North Chili, Part 2.. | Mendon..... | 1.03 | ..... | ..... | 1.03 | ..... |
| 1009 | 1293..... | Rush—Mendon, Part 2..... | Parma..... | ..... | Hilton, v.. | 1.09 | 1.09 | ..... |
| 1187 | 2686..... | Buckbee Corners—North Chili..... | Chili..... | 0.52 | ..... | ..... | 0.52 | ..... |
| 1236 | 1293..... | Pittsford Village: North, N. Main and State Streets..... | Mendon..... | 3.85 | ..... | ..... | 3.85 | ..... |
| 1237 | 3347, V-280. | West Greece—Manitou Beach..... | Chili..... | 1.87 | ..... | ..... | 1.87 | ..... |
| 1281 | 2181, 3563.. | Morton—Redmond Road..... | Pittsford..... | ..... | Pittsford, v.. | 0.66 | 0.66 | ..... |
| 1282 | 2183..... | Rush—Henrietta..... | { Greece..... | 5.12 | ..... | ..... | 8.39 | ..... |
| 1283 | 2184, 2189.. | Riga—Mumford..... | { Parma..... | 3.27 | ..... | ..... | ..... | ..... |
| 1284 | 2666, 3524.. | ..... | Hamlin..... | 1.51 | ..... | ..... | 1.51 | ..... |
| | | | Rush..... | 1.45 | ..... | ..... | 4.55 | ..... |
| | | | Henrietta..... | 3.10 | ..... | ..... | ..... | ..... |
| | | | Riga..... | 2.50 | ..... | ..... | 6.05 | ..... |
| | | | Wheatland..... | 3.55 | ..... | ..... | ..... | ..... |

* Included in State Route No. 20.

* Included in State Route No. 14.

* 0.20 mile included in State Route No. 14. A portion omitted from original.

* Accepted, but final payment refused.

* Original contract 11.41 miles; 6.69 miles cancelled and re-let as No. 574-A.

* One-half in Orleans county. Actual length is 2.08 miles.

* Built as State Highways No. 5097 and No. 5046 on Route No. 16.

* Original contract 1.11 miles. 1.09 miles constructed

* Exclusive of villages.

MONROE COUNTY — Concluded

| COUNTY HIGHWAYS | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-----------------|--------------------------------|---|------------------|---------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1290 | 1197..... | Hannan Corners—Fairport..... | Perinton..... | 1.53 | | | 1.53 | | |
| 1319 | ..... | Honeye Falls Village; Ontario, East and Main Sts..... | | | | | | | |
| 1328 | 2692..... | Winton Road North..... | Mendon..... | ..... | Hon'ye Falls, v. | 1.65 | 1.65 | | |
| 1337 | { 44-212, V-297 1348-4318 } | { E. Rochester—Penfield..... | Irondequoit..... | 0.73 | E. Rochester, v. | 1.12 | 0.73 | | |
| 1367 | 1301..... | Ballantyne Br.—Genesee Valley Pk. | Perinton..... | 0.39 | E. Rochester, v. | 0.46 | 2.89 | | |
| 1390 | 3613, 1344.. | Chili—Coldwater..... | Penfield..... | 0.84 | | | | | |
| 1391 | 2190, 2179.. | Sweden—Walker..... | Brighton..... | 1.71 | | | 1.71 | | |
| 1392 | 2709, 2686.. | Rush—Mendon, Part 1..... | Chili..... | 1.49 | | | | | |
| 1393 | 2710..... | Scottsville—Rush..... | Gates..... | 1.43 | | | 2.92 | | |
| 1466 | 2672, 2688.. | Churchville—Adams Basin..... | Sweden..... | 3.30 | | | | 7.93 | |
| 1481 | 603..... | Elmgrove—Ridge..... | Clarkson..... | 4.63 | | | | | 3.69 |
| 1499 | 3763, 2684.. | Scottsville—West Henrietta..... | Rush..... | 1.92 | | | | | |
| | | | Mendon..... | 1.77 | | | | | |
| | | | Wheatland..... | 0.74 | | | | 5.27 | |
| | | | Rush..... | 4.53 | | | | | |
| | | | Riga..... | 1.50 | | | | 6.33 | |
| | | | Ogden..... | 4.83 | | | | | 2.73 |
| | | | Gates..... | 0.31 | | | | | |
| | | | Greece..... | 2.42 | | | | | |
| | | | Wheatland..... | 0.73 | Scottsville, v. | 0.29 | | | |
| | | | Henrietta..... | 3.54 | | | 4.56 | | |
| Towns..... | | | | 296.31 | | | 280.91 | 26.72 | 8.68 |
| Villages..... |  |  |  | ..... |  | 10.29 | 10.00 | 0.29 | ..... |
| Cities..... |  |  |  | ..... |  | 4.93 | 4.93 | ..... | ..... |
| Totals..... | | | | 296.31 | | 15.22 | 275.84 | 27.01 | 8.68 |

| STATES HIGHWAYS. | | Section | | | | |
|------------------|-----|---------|---|----------------|-------|------------------------|
| Route | No. | No. | | | | |
| 5046 | 15 | 3 | Scottsville—Mumford..... | Wheatland..... | 4.93 | Scottsville, v... 0.81 |
| 5046 | 16 | 1, 3 | | | | 5.74 |
| 5046 | 20 | 6 | Fairport Extension..... | Pittsford..... | 0.18 | 0.18 |
| 5087 | 16 | 2 | Garbuttia Crossing..... | Wheatland..... | 0.94 | Scottsville, v... 0.12 |
| 5279 | 16 | 4, 5 | Scottsville—Chili..... | Wheatland..... | 0.84 | Scottsville, v... 0.60 |
| 5425 | 30 | 11 | Holley—Brockport, Part 2..... | Chili..... | 5.19 | 6.63 |
| 5435 | 14 | 4 | Pittsford Village: Monroe and South Main Streets..... | Clarkson..... | 1.82 | 3.25 |
| 5507 | 15 | 1 | Scottsville—Conswangus, Part 1... 1 | Sweden..... | 0.93 | Brockport, v... 0.50 |
| 5522 | 14 | 1 | Ionis—Mendon..... | Pittsford..... | 0.06 | Pittsford, v... 0.86 |
| 5529 | 30 | 8, 9 | Lyell Avenue—Spencerport..... | Wheatland..... | 2.10 | Scottsville, v... 0.04 |
| 5539 | 30 | 10 | Brockport—Spencerport..... | Mendon..... | 3.97 | 3.97 |
| 5581 | 30 | 10 | Brockport Village: Main St..... | Gates..... | 3.35 | 6.06 |
| | | | | Ogden..... | 2.31 | Spencerport, v... 0.40 |
| | | | | Sweden..... | 3.48 | 7.31 |
| | | | | Ogden..... | 3.69 | Spencerport, v... 0.14 |
| | | | | Sweden..... | ..... | Brockport, v... 0.14 |
| Totals..... | | | | 33.79 | 26.44 | 7.17 0.18 |
| Villages..... |  |  |  | ..... | 3.61 | 3.47 0.14 |
| Cities..... |  |  |  | ..... | ..... | ..... |
| Totals..... | | | | 33.79 | 3.61 | 29.91 7.31 0.18 |

* Exclusive of villages.

MONTGOMERY COUNTY

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|---------------------|-----------------|--|------------------|----------------------|---------------------|-------------------------------------|-------------------------|--|--|
| 32 | 88-A..... | Amsterdam—Minaville, Part 1..... | Florida..... | 2.65 | ..... | ..... | 2.65 | ..... | ..... |
| 96 | 88..... | Amsterdam—Minaville, Part 2..... | Florida..... | 0.63 | ..... | ..... | 0.63 | ..... | ..... |
| 107 | 139..... | Fultonville—Glen..... | Glen..... | 3.64 | ..... | ..... | 3.64 | ..... | ..... |
| 108 | 183..... | Mohawk River Turnpike, Amster- dam—Tribes Hill..... | Amsterdam..... | 1.82 | Ft. Johnson, v..... | 1.43 | 3.25 | ..... | ..... |
| 120 | 180..... | Canajoharie—Sharon Springs, Part 1..... | Canajoharie..... | 4.14 | ..... | ..... | 4.14 | ..... | ..... |
| 152 | 181..... | Fonda, East..... | Mohawk..... | 2.50 | ..... | ..... | 2.50 | ..... | ..... |
| 155 ¹ | 182..... | Fonda, West..... | Mohawk..... | 2.49 | ..... | ..... | 2.49 | ..... | ..... |
| 158 | 51..... | Northampton..... | Amsterdam..... | 0.70 | ..... | ..... | 0.70 | ..... | ..... |
| 180 ¹ | 209..... | Mohawk River Turnpike, Amster- dam—Craneville..... | Amsterdam..... | 2.82 | ..... | ..... | 2.82 | ..... | ..... |
| 298 | 460..... | Amsterdam—Hagaman..... | Amsterdam..... | 2.20 | ..... | ..... | 2.20 | ..... | ..... |
| 299 | 550..... | Saultwaters Corners—Youngs Cor's..... | Florida..... | 2.74 | ..... | ..... | 2.74 | ..... | ..... |
| 300 | 383..... | DeGraaf Corners—Sherburn Corners..... | Florida..... | 1.13 | ..... | ..... | 1.13 | ..... | ..... |
| 301 | 274..... | Minaville—Scotch Bush..... | Florida..... | 2.33 | ..... | ..... | 2.33 | ..... | ..... |
| 302 | 208..... | Fonda—Barrville..... | Mohawk..... | 2.00 | ..... | ..... | 2.00 | ..... | ..... |
| 303 | 380..... | Fonda—Tribes Hill..... | Mohawk..... | 2.21 | ..... | ..... | 2.21 | ..... | ..... |
| 304 | 273..... | Sprakers—Rural Grove, Part 1..... | Root..... | 5.63 | ..... | ..... | 5.63 | ..... | ..... |
| 345 | 379..... | Canajoharie—Sprout Brook..... | Canajoharie..... | 4.66 | ..... | ..... | 4.66 | ..... | ..... |
| 346 | 381..... | Sprakers—Rural Grove, Part 2..... | Root..... | 2.51 | ..... | ..... | 2.51 | ..... | ..... |
| 347 | 461..... | Canajoharie—Sharon Springs, Part 2..... | Canajoharie..... | 2.84 | ..... | ..... | 2.84 | ..... | ..... |
| 397 | 378..... | Canajoharie—Flat Creek—Blaine..... | Canajoharie..... | 6.52 | ..... | ..... | 6.52 | ..... | ..... |
| 409 | 255..... | Fort Plain—Starkville..... | Minden..... | 6.22 | ..... | ..... | 6.22 | ..... | ..... |

| | | | | | | | |
|------|--|--------------|-------|-------|------------------|-------|-------|
| 410* | { 548, 3074 } Fort Plain — Heaville — Sprout | Canajoharie | 0.91 | ..... | ..... | 7.10 | ..... |
| | { 3285..... } Brook..... | Minden | 5.51 | ..... | Fort Plain, v. | 0.68 | ..... |
| 511 | 400, 748.... Glen—Charleston..... | Glen | 2.30 | ..... | ..... | 3.81 | ..... |
| | | Charleston | 1.51 | ..... | ..... | ..... | ..... |
| 512 | 918, 2864... Akin—Johnstown, Part 1..... | Amsterdam | 2.72 | ..... | Ft. Johnson, v. | 0.81 | ..... |
| | | Mohawk | 1.03 | ..... | ..... | ..... | 4.56 |
| 513 | 549..... Amsterdam—Morris Corners..... | Florida | 2.49 | ..... | ..... | ..... | ..... |
| 514* | 676..... Snooks Corners—Amsterdam..... | Florida | 2.70 | ..... | ..... | ..... | 2.49 |
| 515* | 794..... Berryville—Sammonsville..... | Mohawk | 1.61 | ..... | ..... | ..... | 2.70 |
| 516 | 985..... Johnstown—Tribes Hill, Part 2..... | Mohawk | 2.75 | ..... | ..... | ..... | 1.61 |
| 517* | 749, 750.... Palatine Bridge—Stone Arabia..... | Palatine | 3.38 | ..... | ..... | ..... | 2.75 |
| 518* | 693, 694.... East Creek—Palatine Church..... | Palatine | 3.38 | ..... | Palatine Br., v. | 0.32 | ..... |
| 632† | 1361..... Hoffman—Craneville..... | Amsterdam | ..... | ..... | ..... | ..... | 3.70 |
| 864* | V-1, V-26... Fultonville Village—Fonda Village.. | Glen | ..... | ..... | ..... | ..... | ..... |
| | | Mohawk | ..... | ..... | Fultonville, v. | 0.60 | ..... |
| 889 | V-109..... Fort Plain Village..... | Minden | ..... | ..... | Fonda, v. | 0.26 | ..... |
| 943 | 1130..... Schenectady County Line—Scotch Bush..... | Florida | 1.38 | ..... | Fort Plain, v. | 0.64 | ..... |
| 1140 | V-222, 3415. Amsterdam City: West Main Street. | Amsterdam | ..... | ..... | ..... | ..... | ..... |
| 1498 | 695..... Manny Corners—Blue Corners..... | Amsterdam | 3.63 | ..... | Amsterdam, c. | 1.87 | ..... |
| 1504 | 2456..... Stone Arabia—Ephratah, Part 1.... | Palatine | 2.74 | ..... | ..... | ..... | ..... |
| | | Towns.... | 97.04 | ..... | ..... | ..... | ..... |
| | | Villages.... | ..... | ..... | ..... | 73.99 | 15.20 |
| | | Cities..... | ..... | ..... | ..... | 4.74 | 0.81 |
| | | Totals..... | 97.04 | ..... | ..... | 3.61 | 0.32 |
|  |  |  |  | ..... | ..... | 1.87 | ..... |
| | | | | | | | |
|  |  |  |  | ..... | ..... | 6.61 | 8.66 |
|  |  |  |  | ..... | ..... | ..... | 15.52 |

* Included in State Route No. 6.

† Original contract forfeited September 30, 1916. Completed by Department Forces.

* Fort Hunter—Amsterdam (3.76 miles) included in State Route No. 6.

Original plans 6.46 miles.

* Original plans 4.11 miles; 2.50 miles built as State Highway No. 5125 on Route No. 6.

* Original plans 3.93 miles. Portion from Nelliston to Palatine Bridge (0.52 mile) built as State Highway No. 5123 on State Route No. 6.

* Built as State Highways No. 5028 and No. 5109 on Route No. 6.

* Built as State Highway No. 5126 on Route No. 6.

* 0.63 mile included in State Route No. 6. Original contract for 0.90 mile forfeited.

* Exclusive of villages.

0.96 mile built.

MONTGOMERY COUNTY — Concluded

| STATE HIGHWAYS. | Highway No. | Section No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-------------|-------------|-------------------------------|--------------------------------|----------------|-----------------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | | |
| 5028 | 6 | 16, 17 | East Creek—St. Johnsville | St. Johnsville | 2.82 | St. Johnsville, v | 0.90 | 3.72 | .... | .... |
| 5096 ¹ | 24 | 1 | Fonda—Johnstown | Mohawk | 1.98 | Fonda, v | 0.45 | 2.43 | .... | .... |
| 5109 | 6 | 15 | St. Johnsville—Nelliston | { St. Johnsville. Palatine. | { 2.81 1.98 | .... | .... | { 4.79 | .... | .... |
| 5123 | 6 | 12-14 | Nelliston—Palatine Bridge | { Palatine. Palatine. | { 0.52 0.52 | { Nelliston, v Palatine Br., v | { 2.08 1.46 | { 4.06 | .... | .... |
| 5124 ² | 6 | 11 | Palatine Bridge—Fonda, Part 1 | Palatine | 4.25 | .... | .... | 4.25 | .... | .... |
| 5125 ² | 6 | 10 | Palatine Bridge—Fonda, Part 2 | { Palatine. Mohawk | { 0.45 3.55 | .... | .... | { 4.00 | .... | .... |
| 5126 | 6 | 1 | Hoffman—Craneville | Amsterdam | 2.24 | .... | .... | 2.24 | .... | .... |
| Totals | | | | | 20.60 | .... | .... | 20.60 | .... | .... |
| Villages |  |  |  |  | .... | .... | 4.89 | 4.89 | .... | .... |
| Cities |  |  |  |  | .... | .... | .... | .... | .... | .... |
| Totals | | | | | 20.60 | .... | 4.89 | 25.49 | .... | .... |

NASSAU COUNTY

| COUNTY HIGHWAYS. | Highway No. | Section No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-------------|-------------|------------------------------|---------------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | | |
| 270 | 270 | .... | Birch Hill | Oyster Bay | 1.16 | .... | .... | 1.16 | .... | .... |
| 434 | 620 | .... | Arrandale—Bay View | North Hempstead | 1.69 | .... | .... | 1.69 | .... | .... |
| 435 | 621 | .... | South Glenwood—Meeting House | { Oyster Bay North Hempstead | { 1.84 0.10 | .... | .... | { 1.94 | .... | .... |

| | | | | | | |
|------------------|----------------------|--|-------------------|-------|-----------------|-------------|
| 436 ⁴ | 622, 623.... | Jericho Turnpike—Plainview..... | Oyster Bay..... | 6.98 | ..... | 6.98 |
| 437 | 612, 613.... | Jerusalem Avenue—Front Street... | Hempstead..... | 7.09 | ..... | 7.09 |
| 545 | 637..... | Syosset—Cold Spring Harbor..... | Oyster Bay..... | 3.22 | ..... | 3.22 |
| 546 | 627..... | New Bridge..... | Oyster Bay..... | 1.72 | ..... | 6.02 |
| 547 ⁵ | 615, 619, 646 | Willist—East Williston—Westbury Pond..... | Hempstead..... | 4.80 | ..... | 6.43 |
| 548 ⁶ | 626..... | Berry Hill, Part 1..... | Oyster Bay..... | 0.15 | ..... | 6.43 |
| 808 ⁷ | 2173..... | East Norwich—Memorial Cemetery. | North Hempstead.. | 6.28 | ..... | 4.74 |
| 953 | 969..... | Glen Cove..... | Oyster Bay..... | 4.74 | ..... | 2.87 |
| 988 | 642, 717.... | New Hyde Park—Great Neck..... | Oyster Bay..... | 2.87 | ..... | 0.96 |
| 1201 | 3471..... | Huntington Town Line—Farming- dale, Part 2..... | Glen Cove, c.. | 0.96 | ..... | 0.35 |
| 1202 | 641, 3469.... | Plainview—Massapequa Turnpike.. | North Hempstead.. | 0.22 | ..... | 0.35 |
| 1203 | 611, 3470.... | Baldwin—Oceanside..... | Hempstead..... | 0.13 | ..... | 0.35 |
| 1342 | 618..... | Roslyn—Port Washington..... | Oyster Bay..... | 0.26 | Farmingdale, v. | 0.61 |
| 1343 | 688, 639, 3639 | Westbury—Hicksville..... | Oyster Bay..... | 4.39 | ..... | 4.39 |
| 1344 | 638..... | Green Corner—Francis Pond..... | Hempstead..... | 1.56 | ..... | 1.56 |
| 1396 | 3572, 3573, V-370 | Sheridan Boulevard—Burnside Ave. and Rockaway Turnpike..... | No. Hempstead.. | 5.24 | ..... | 5.24 |
| | | | No. Hempstead.. | 1.77 | ..... | 5.24 |
| | | | Oyster Bay..... | 1.32 | ..... | 3.09 |
| | | | Oyster Bay..... | 3.38 | ..... | 3.38 |
| | | | Hempstead..... | 2.03 | Lawrence, v.. | 0.19 |
| | | | Hempstead..... | ..... | Cedarhurst, v.. | 0.77 |
| | | | Towns..... | 62.44 | ..... | 48.70 13.74 |
| | | | Villages..... | ..... | 2.27 | 1.31 0.96 |
| | | | Cities..... | ..... | ..... | ..... |
| | | | Totals..... | 62.44 | 2.27 | 50.01 14.70 |

¹ Part in Fulton county. Total length 3.07 miles.

² Items combined and let as one contract.

³ 1.40 miles included in State Route No. 35.

⁴ 1.76 miles included in State Route No. 35.

⁵ 1.84 miles included in State Route No. 35.

⁶ 1.17 miles included in State Route No. 35.

⁷ Exclusive of villages.

NASSAU COUNTY — Concluded

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|-------------|-----------|---------|--|---------------------|---------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 5051 | 35 | 3 | Little Neck—Old Westbury, Part 3. | North Hempstead.. | 1.96 | ..... | ..... | 1.96 | ..... |
| 5106 | 35 | 1, 4 | Little Neck—Old Westbury, Parts 1 and 4..... | North Hempstead.. | 2.46 | ..... | ..... | 2.46 | ..... |
| 5290 | 35 | 2 | Little Neck—Old Westbury, Part 2. | North Hempstead.. | 1.57 | ..... | ..... | 1.57 | ..... |
| 5505 | 35 | 5, 7 | Wheatley—East Norwich, Part 1.... | { North Hempstead.. | 0.51 | ..... | ..... | 2.91 | ..... |
| | | | | { Oyster Bay..... | 2.40 | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 8.90 | ..... | ..... | 7.33 | 1.57 |
| | | | | Villages..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 8.90 | ..... | ..... | 7.33 | 1.57 |

NIAGARA COUNTY

| County Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|--------------------|--------------|---|-----------------|---------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 251 | 306, 2282... | Griswold Street..... | Royalton..... | 3.15 | ..... | ..... | 3.15 | ..... |
| 475 ¹ | 732..... | Suspension Bridge—Lewiston..... | Lewiston..... | 2.22 | ..... | ..... | 2.22 | ..... |
| 507 | 1031..... | Transit, Part 3..... | { Lockport..... | 2.87 | Lockport, e.... | 0.22 | 4.6' | ..... |
| 617 | 1178..... | Lewiston—Dickersonville..... | Pendleton..... | 1.58 | ..... | ..... | ..... | ..... |
| 643 | 1179, 1179-A | North Tonawanda—Sanborn, Parts 1 and 2..... | Lewiston..... | 4.80 | ..... | ..... | 4.80 | ..... |
| | | | Wheatfield..... | 4.44 | ..... | ..... | 4.44 | ..... |

| | | | | | | | |
|--------------------|--------------|------------------------------------|------------------|-------|---------------------|-------|-------|
| 660 | 2241..... | Griswold Street—Bratte Bridge..... | Royalton..... | 5.97 | ..... | 5.97 | ..... |
| 713 | 1179-B 2240 | North Tonawanda—Shawnee..... | Wheatfield..... | 5.13 | ..... | 5.13 | ..... |
| 729 | 2240..... | Shawnee—Cambria..... | Cambria..... | 3.19 | ..... | 3.19 | ..... |
| 740 ² | 1693..... | Sanborn—Pekin..... | Lewiston..... | 1.88 | ..... | 2.75 | ..... |
| | | | Cambria..... | 0.87 | ..... | ..... | ..... |
| 749 ³ | 2245..... | Lockport—Tonawanda Creek..... | Lockport, c..... | 0.35 | ..... | 10.30 | ..... |
| | | | Royalton..... | 7.23 | ..... | ..... | ..... |
| 757 | 2239..... | Gasport—Hartland, Part 1..... | Royalton..... | 1.21 | ..... | 2.78 | ..... |
| 758 } ⁴ | 2365..... | Olcott—Lockport, Part 1..... | Hartland..... | 1.57 | ..... | 8.33 | ..... |
| 758-A } | | | Newfane..... | 8.33 | ..... | ..... | ..... |
| 759 | 2285..... | Olcott—Lockport, Part 2..... | Lockport..... | 2.15 | ..... | 2.15 | ..... |
| 771 ⁵ | 2288..... | McNalls Corners—Gasport..... | Royalton..... | ..... | ..... | ..... | ..... |
| 773 | 2244..... | Wendelville—Lockport, Part 2..... | Cambria..... | 0.50 | ..... | 2.38 | ..... |
| | | | Lockport..... | 1.88 | ..... | ..... | ..... |
| 774 | 2243..... | Wendelville—Lockport, Part 1..... | Pendleton..... | 4.62 | ..... | 4.62 | ..... |
| 799 | 2416, 2664.. | Youngstown—Lockport, Part 2..... | Cambria..... | 1.59 | ..... | 4.1 | ..... |
| | | | Wilson..... | 2.62 | ..... | ..... | ..... |
| 800 | 2242, 2504, |  |  |  | ..... |  |  |
| | 3620..... | Youngstown—Lockport, Part 1..... | Porter..... | 6.81 | Youngstown, v. 0.98 | ..... | 7.79 |
| 832 | 2284..... | Mountain Ridge Road..... | Lockport..... | 2.51 | ..... | 2.51 | ..... |
| 1045 ⁶ | 2646, 2623.. | Cambria—Lockport..... | Cambria..... | 5.13 | ..... | 5.13 | ..... |
| 1064 | 3066, V-213. | North Tonawanda City..... |  | ..... | N. Tonawanda. 2.33 | ..... | 2.33 |

¹Included in State Route No. 18. Original construction, 2.42 miles. 0.20 mile rebuilt at railroad crossing as No. 5590.

²1.98 miles included in State Route No. 30.

³Original contract forfeited. Completed by Department Forces.

⁴Original contract cancelled. Rebuilt as No. 738-A.

⁵Included in State Route No. 30. Built as No. 5562.

⁶Original contract forfeited August 23, 1913.

• Exclusive of villages.

| | | | | | | | | | | |
|--------------------------|----------------------------|--------------------------------|-----------------------------------|---------------|-------|-------|-------|-------|-------|-------|
| 5319 | 30 | 3, 4 | Wrights Corners—Hartland..... | Newfane..... | 3.47 | ..... | ..... | ..... | ..... | ..... |
| 5381 | 18 | 4 | LaSalle Bridge..... | Hartland..... | 3.16 | ..... | ..... | ..... | 6.63 | ..... |
| 5416 | 30 | 6, 7 | Cambria—Wrights Corners..... | Niagara..... | ..... | ..... | 0.09 | ..... | 0.09 | ..... |
| 5417 | 30 | 8 | Pekin—Cambria..... | Cambria..... | 3.83 | ..... | ..... | ..... | 7.80 | ..... |
| 5431 | 30 | 1, 2 | Hartland—Medina, Part 1..... | Lockport..... | 2.20 | ..... | ..... | ..... | ..... | ..... |
| 5560 | { 30 1-01 Pet. V-1216 } | Middleport—Medina, Part 1..... | Newfane..... | 1.77 | ..... | ..... | ..... | ..... | ..... | ..... |
| 5561 | 30 | 1-03 | Gasport—Middleport..... | Cambria..... | 4.29 | ..... | ..... | ..... | 5.46 | ..... |
| 5562 | 30 | 1-04 | Gasport—McNalls..... | Lewiston..... | 1.17 | ..... | ..... | ..... | 5.92 | ..... |
| 5563 ¹ | 30 | 1-05 | Lockport—McNalls..... | Hartland..... | 5.92 | ..... | ..... | ..... | 1.32 | ..... |
| 5590 | 18 | 9 | Lewiston Heights—Lewiston..... | Royalton..... | 0.28 | ..... | 1.04 | ..... | ..... | ..... |
| | | | | Royalton..... | 4.40 | ..... | ..... | ..... | 4.40 | ..... |
| | | | | Royalton..... | 2.33 | ..... | ..... | ..... | 2.33 | ..... |
|  |  |  |  | ..... | ..... | ..... | 0.34 | ..... | ..... | ..... |
| | | | | Lockport..... | 2.31 | ..... | ..... | ..... | 5.07 | ..... |
| | | | | Royalton..... | 2.42 | ..... | ..... | ..... | ..... | ..... |
| | | | | Lewiston..... | 0.26 | ..... | 0.35 | ..... | 0.61 | ..... |
| | | | | Towns..... | 56.86 | ..... | ..... | ..... | 56.60 | 0.26 |
| | | | | Villages..... | ..... | ..... | 5.87 | ..... | 5.52 | 0.35 |
| | | | | Cities..... | ..... | ..... | 2.69 | ..... | 2.69 | ..... |
| | | | | Totals..... | 56.86 | ..... | 8.56 | ..... | 64.81 | 0.61 |
| SPECIAL HIGHWAYS. | | | | | | | | | | |
| 9001 | ..... | ..... | Middleport—Ridge..... | Royalton..... | 0.29 | ..... | ..... | ..... | 2.69 | ..... |
| 9002 | ..... | ..... | Barker—Johnson Creek, Part 1..... | Hartland..... | 2.40 | ..... | ..... | ..... | 2.75 | ..... |
| | | | | Somerset..... | 2.75 | ..... | ..... | ..... | ..... | ..... |
| | | | | Towns..... | 5.44 | ..... | ..... | ..... | 5.44 | ..... |

¹ 0.70 mile included in State Route No. 30.² Original contract 2.50 miles; 0.09 mile cancelled and re-let as No. 5381.³ Original contract forfeited May 31, 1916. Completed by Department Forces.

* Exclusive of villages.

ONEIDA COUNTY

| Highway No. | County Highways. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|------------------|--------------|---|---------------|-----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 3 | | 9 | River Road | Whitestown | ... | Utica, c. | 2.24 | 2.24 | ... | ... |
| 21 | | V-51, 91 | Sauquoit Creek | New Hartford | 4.63 | Yorkville, v | ... | ... | ... | ... |
| 71 | | 67 | Utica-Paris | Vernon | 1.03 | Sherrill, c. | 0.22 | 4.63 | 1.25 | ... |
| 139 | | 173 | Hamilton Bridge | Vernon | 2.29 | New Hartford | ... | 2.29 | ... | ... |
| 140 | | 174 | Seneca Turnpike | Kirkland | 2.39 | West Moreland | ... | 8.45 | ... | ... |
| 250 | | 319-A, 2712 | Utica-Oneida Castle, Part 1 | West Moreland | 2.45 | Vernon | ... | ... | ... | ... |
| 271 | | 319-A | Utica-Oneida Castle, Part 2 | Vernon | 1.71 | Sherrill, c. | 0.78 | 8.50 | ... | ... |
| 295 | | 319-B | Mohawk River Road-Floyd | Floyd | 2.78 | ... | ... | 2.78 | ... | ... |
| 296 | | 319-B | Mohawk River Road-Marcy | Marcy | 4.50 | ... | ... | 4.50 | ... | ... |
| 297 | | 319-B | Mohawk River Road-Deerfield | Marcy | 2.47 | Utica, c. | 1.25 | 3.72 | ... | ... |
| 368 | | 319-C | Augusta Road, Augusta Section | Augusta | 3.38 | ... | ... | 3.38 | ... | ... |
| 369 | | 319-C | Augusta Road, Oriskany Falls Section | Augusta | 2.98 | ... | ... | 2.98 | ... | ... |
| 406 | | 319-C | Augusta Road, Vernon Center Section | Vernon | 3.87 | ... | ... | 3.87 | ... | ... |
| 438 | | 319-C | Augusta Road, Lowell and Spencer Sections | Vernon | 2.88 | ... | ... | 7.10 | ... | ... |
| 559 | | 319-D | Utica-Bridgewater | West Moreland | 4.22 | Paris | ... | 9.06 | ... | ... |
| | | | | Bridgewater | 4.17 | ... | ... | ... | ... | ... |

| | | | | | | | |
|-------------------|--------------|--|--------------------|-------|-----------------------|-------|-------|
| 560 ⁷ | 1271..... | Mohawk River—Rome..... | Rome (Low tax).... | 2.42 | ..... | 2.42 | ..... |
| 561 ¹¹ | 319-C..... | Rome—Northwestern, Part 1..... | Western..... | 4.43 | ..... | 4.43 | ..... |
| 562 ¹¹ | 1272..... | Rome—Northwestern, Part 2..... | Rome (Low tax).... | 3.57 | Rome, c..... | 0.30 | ..... |
| 563 ⁷ | 1270..... | Rome—Taberg..... | Rome (Low tax).... | 5.11 | ..... | 5.11 | ..... |
| 564 ¹² | 1269, 1274.. | Rome Roads, Augusta and West Moreland Sections..... | Rome (Low tax).... | 4.99 | ..... | 4.99 | ..... |
| 701 ¹² | 319..... | Deansboro—New Hartford..... | Marshall..... | 0.25 | ..... | 6.28 | ..... |
| 837 | 319-F..... | Waterville—Deansboro..... | Kirkland..... | 6.03 | ..... | 4.74 | ..... |
| 838 | 2548..... | Sauquoit..... | Marshall..... | 4.74 | ..... | 0.56 | ..... |
| 839 | 2538..... | Augusta—Knoboro..... | Paris..... | 0.56 | ..... | 1.20 | ..... |
| 840 | 319-F..... | North Brookfield—Waterville..... | Augusta..... | 1.20 | ..... | 4.37 | ..... |
| 877 | V-17..... | Clinton Village..... | Sangerfield..... | 4.37 | ..... | 0.98 | ..... |
| 931 ¹⁴ | 2676, 2887.. | Marcy Hill—Trenton..... | Kirkland..... | 1.74 | Clinton, v..... | 0.98 | ..... |
| 932 | V-100..... | Waterville Village..... | Deerfield..... | 5.02 | Trenton, v..... | 0.42 | ..... |
| 933 ¹⁴ | 2886, 2887.. | Deerfield Corners—Marcy Hill..... | Sangerfield..... | ..... | Waterville, v... 0.94 | 1.20 | ..... |
| | | | Marshall..... | ..... | Waterville, v... 0.26 | 5.02 | ..... |
| | | | Marcy..... | 1.93 | ..... | 0.67 | ..... |
| | | | Deerfield..... | 2.42 | Utica, c..... | ..... | ..... |

⁷Original plans 1.33 miles. Included in State Route No. 28 and 1.08 miles reconstructed as No. 5091. Balances rebuilt by city.
¹¹Included in State Route No. 23. Original contract 3.21 miles, 3.19 miles built of which 0.52 miles were rebuilt as No. 5665 and 0.04 by city.
¹²0.70 mile included in State Route No. 6. Original contract 1.23 miles. Change in alignment reduced length.
¹³0.72 mile included in State Route No. 6.
¹⁴Included in State Route No. 6. Original contract 3.53 miles.

¹⁵Included in State Route No. 6.
¹⁶Included in State Route No. 28.
¹⁷3.32 miles included in State Route No. 28.
¹⁸Included in State Route No. 23.
¹⁹Portion of original plans omitted through the Delta Reservoir.
²⁰1.70 miles included in State Route No. 29.
²¹3.00 miles constructed as County Highway on State Route No. 29.
²²Items of Highways 931 and 933 combined and let as one contract.
²³Exclusive of villages.

ONEIDA COUNTY — Continued

| COUNTY HIGHWAYS. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|----------------------------|----------------------------------|----------------|----------------|-------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1107 | V-202, 3190. | Oriskany Falls Village. | Augusta. | ..... | Oriskany F'ls, v | 0.22 | 0.22 | ..... | ..... |
| 1111 ¹ | V-220, A-B-C | Rome City | Rome (Low tax) | ..... | Rome (High tax) | 0.82 | 0.82 | ..... | ..... |
| 1141 | 3189..... | Delta—Westernville. | Western. | 2.51 | ..... | ..... | 3.37 | ..... | ..... |
| 1144 | 3412..... | Trenton—Rensen. | Trenton. | 3.30 | Trenton, v..... | 0.21 | 3.61 | ..... | ..... |
| 1157 ² | 2678..... | Durhamville—Rome. | Trenton. | ..... | Rensen, v..... | 0.10 | 13.72 | ..... | ..... |
| 1158 | 2866..... | Thomson Corners—Taberg. | Verona. | 11.00 | New London, v. | ..... | ..... | ..... | ..... |
| 1159 | { 3008, 3122, 3123, 2678 } | Vienna—New London. | Rome (Low tax) | 2.72 | ..... | ..... | 6.68 | ..... | ..... |
| 1355 | 319..... | North Western—Boonville, Part 1. | Florence | 1.79 | ..... | ..... | 7.76 | ..... | ..... |
| 1356 | 319, 3666... | North Western—Boonville, Part 2. | Camden. | 0.72 | ..... | ..... | ..... | 6.15 | ..... |
| 1357 | 1273, 2928.. | Rome—Ava, Part 2..... | Annsville. | 4.17 | ..... | ..... | ..... | 5.74 | ..... |
| 1358 | 2928, 2929.. | Rome—Ava, Part 3..... | Rome (Low tax) | 2.55 | ..... | ..... | 4.88 | ..... | ..... |
| 1382 | V-356, 3683. | Rome—Ava, Part 1..... | Vienna. | 4.05 | ..... | ..... | 8.26 | ..... | ..... |
| | | | Verona. | 1.16 | ..... | ..... | ..... | 1.05 | ..... |
| | | | Western. | 3.96 | ..... | ..... | ..... | ..... | ..... |
| | | | Ava. | 0.85 | ..... | ..... | ..... | ..... | ..... |
| | | | Boonville. | 1.34 | ..... | ..... | ..... | ..... | ..... |
| | | | Boonville. | 5.29 | Boonville, v..... | 0.45 | ..... | ..... | ..... |
| | | | Rome (Low tax) | 2.93 | ..... | ..... | ..... | ..... | ..... |
| | | | Lee. | 1.95 | ..... | ..... | ..... | ..... | ..... |
| | | | Lee. | 5.94 | ..... | ..... | ..... | ..... | ..... |
| | | | Ava. | 2.32 | ..... | ..... | ..... | ..... | ..... |
| | | | Rome (Low tax) | 1.05 | ..... | ..... | ..... | ..... | ..... |

| 162 | V-360, 3732. | North Western—Boonville, Part 3.. | Boonville..... | Boonville, v..... | 0.45 | ..... | 0.45 |
|-------------------|--------------|---------------------------------------|-------------------|-------------------|-------------------|--------|-------|
| <hr/> | | | | | | | |
| | | | Towns..... | 169.50 | | 148.75 | 8.26 |
| | | | Villages..... | | | 3.13 | 0.90 |
| | | | Cities..... | | | 6.28 | ..... |
| <hr/> | | | | | | | |
| | | | Totals..... | 169.50 | 10.31 | 158.16 | 8.26 |
| <hr/> | | | | | | | |
| 5034 | 6 | 6, 8 { Vernon Village..... | Vernon..... | | Vernon, v..... | 0.60 | ..... |
| 5052 | 6 | 2 Oneida Castle Village..... | Vernon..... | | Oneida Castle, v | 0.81 | ..... |
| 5059 | 28 | 2 New Hartford Village..... | New Hartford..... | | New Hartford, v. | 0.65 | ..... |
| 5079 | 23 | 2 Whitesboro Village..... | Whitestown..... | | Whitesboro, v.. | 1.60 | ..... |
| 5091 ^a | 28 | 5 Clayville Village..... | Paris..... | | Clayville, v.... | 1.44 | ..... |
| 5131 | 28 | 1 Yorkville Village..... | Whitestown..... | | Yorkville, v.... | 1.08 | ..... |
| | 28 | 5, 7 Rome City..... | | | Rome(High tax) | 1.20 | ..... |
| 5139 | 28 | 9, 10 Camden—Taberg, Part 2..... | Annville..... | 6.61 | | 7.94 | ..... |
| | | | Lee..... | 1.33 |  |  | ..... |
| 5243 ^b | 25 | 6, 7 Boonville Town Line—McKeesee...{ | Boonville..... | 1.86 |  |  | ..... |
| | | | Forestport..... | 13.34 | Forestport, v...{ | 1.57 | ..... |
| 5303 | { 27 | 2 Boonville Village..... | Boonville..... | | Boonville, v.... | 0.82 | ..... |
| 5307 | 27 | 1, 3 Alder Creek—Lewis County Line..{ | Boonville..... | 7.31 | Boonville, v.... | 0.47 | ..... |
| | | | Marv..... | 6.76 | Holland Pat., v. | 0.88 | ..... |
| 5325 | 25 | 2, 3 Whitesboro—Trenton..... | Trenton..... | 4.66 | Trenton, v..... | 0.07 | ..... |

^a 0.21 mile included in State Route No. 29. Original plans 1.02 miles, of which 0.18 mile was built by Rome city.

^b Corporation limits of New London not defined.

^c Part in Herkimer county. Total length 18.03 miles.

^d Original mileage 1.06 changed by supplemental agreement.

^e Exclusive of villages.

ONEIDA COUNTY — Concluded

| STATS HIGHWAYS. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|---------------------|----------|----------------------------|---|-----------------------|---|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5345 | 25 | 4 | Trenton—Prospect—Remsen | { Trenton. Trenton. Remsen. | 3.74 1.21 | Trenton, v. Prospect, v. Remsen, v. | 0.29 0.42 0.20 | 5.86 | ..... | ..... |
| 5346 | { 25 Pet. V-1138 | { 5 8 | Remsen—Boonville Town Line | Remsen. | 5.31 | Remsen, v. | 0.80 | 6.11 | ..... | ..... |
| 5385 | { 8 Pet. V-1136 | 1 | Oriskany Falls Village | Augusta. | 0.12 | Oriskany Falls. | 0.94 | 1.06 | ..... | ..... |
| 5395 | { 6 Pet. V-1135 | 1 | Utica City: Turner Street | ..... | ..... | Utica, c. | 0.38 | 0.38 | ..... | ..... |
| 5406 | 8 | 2 | Oriskany Falls—Deansboro | Marshall. | 3.94 | ..... | ..... | 3.94 | ..... | ..... |
| 5442 | 8 | 4 | Franklin Springs—Kirkland | Kirkland. | 3.47 | ..... | ..... | 3.47 | ..... | ..... |
| 5461 | 28 | 11 | Camden—Taberg, Part 1 | { Camden. Annsville. | 2.69 0.25 | Camden, v. | 0.49 | 3.43 | ..... | ..... |
| 5465 ¹ | 23 | 1, 2 | West Winfield—Bridgewater | Bridgewater. | 0.62 | Bridgewater, v. | 0.64 | 1.26 | ..... | ..... |
| 5521 | 29 | 3, 4 | Verona—Rome | { Verona. West Moreland. Rome (Low tax) | 2.70 0.79 2.23 | ..... | ..... | 5.72 | ..... | ..... |
| 5547 | 25 | 1 | Whitesboro—Carey Corners | { Whitesboro. Marcy. | 0.19 0.51 | ..... | ..... | 0.70 | ..... | ..... |
| 5553 | 28 | 13, 14 | Camden—Oswego County Line | Camden. | 5.73 | ..... | ..... | 5.73 | ..... | ..... |
| 5558 | 29 | 5, 6 | Oneida—Verona | Verona. | 4.68 | ..... | ..... | 4.68 | ..... | ..... |
| 5559 ² | 25 | 1, 2 | Poland—Trenton | { Deerfield. Trenton. | 0.75 3.64 | ..... | 0.20 | 4.59 | ..... | ..... |
| 5597 | 23 | 12, 13 | Utica—Poland, Part 3 | Deerfield. | 5.34 | ..... | ..... | ..... | 5.34 | ..... |
| 5604 | 23 | 10 | Utica—Poland, Part 1 | Deerfield. | 0.17 | Utica, c. | 0.88 | ..... | 1.05 | ..... |

| | | | | | | | |
|--------|-----------------------|---|---------------|-------|-------|--------|-----------|
| 5605 | { 23 V-1224..... } | 8 } Utica City: Onaida Street..... | ..... | ..... | 0.52 | ..... | ..... |
| 5633 * | 23 | 11 Utica — Poland, Part 2..... | Deerfield | 5.10 | ..... | ..... | 5.10 |
| 5640 | 28 | 12 Camden Village: Church, Main and Mexico Streets..... | Camden | ..... | 1.27 | 1.27 | ..... |
| <hr/> | | | | | | | |
| | | | Towns..... | 95.05 | ..... | 83.74 | 6.21 5.10 |
| | | | Villages..... | ..... | ..... | 15.24 | ..... |
| | | | Cities..... | ..... | 2.93 | 2.10 | 0.88 |
| | | | Totals..... | 95.05 | 18.22 | 101.08 | 7.09 5.10 |

ONONDAGA COUNTY

COUNTY HIGHWAYS.

| | Petition No. | | | | | | |
|------------------|--------------|----------------------------|-------------|------|-------|------|-------|
| 8 | 11..... | Cortland Street..... | Onondaga | 1.20 | ..... | 1.20 | ..... |
| 9 | 12..... | James Street..... | De Witt | 0.58 | ..... | 0.58 | ..... |
| 48 | 81..... | West Lake..... | Skaneateles | 1.00 | ..... | 1.00 | ..... |
| 49 | 94, 798..... | Fabius—Apulia, Part 1..... | Fabius | 2.00 | ..... | 2.00 | ..... |
| 74 | 60..... | Marcellus—Marietta..... | Marcellus | 1.00 | ..... | 1.00 | ..... |
| 75 | 184..... | Fabius—Apulia, Part 2..... | Fabius | 0.78 | ..... | 0.78 | ..... |
| 76* | 61..... | La Fayette..... | La Fayette | 1.00 | ..... | 1.00 | ..... |
| 121 | 233..... | Fabius—Apulia, Part 3..... | Fabius | 1.16 | ..... | 1.16 | ..... |
| 122 | 80..... | East Lake..... | Skaneateles | 1.00 | ..... | 1.00 | ..... |
| 132 ⁴ | 247..... | Genesee Turnpike..... | Geddes | 1.13 | ..... | 1.13 | ..... |
| 245 | 10..... | Coleman Hill, Part 1..... | Pompey | 1.21 | ..... | 1.21 | ..... |
| 290* | 437..... | South Salina Street..... | Onondaga | 1.06 | ..... | 1.06 | ..... |

* 1.53 miles in Oswego county and 1.17 miles in Herkimer county. Total length 3.96 miles.

* Total length 8.89 miles. 4.30 miles in Herkimer county.

* Included in State Route No. 10.

* Included in State Route No. 6.

* Awaiting approval of Commission.

• Exclusive of villages.

ONONDAGA COUNTY — Continued

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-----------------------------|---|-----------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 291 | 456 | Cemetery | Onondaga | 0.89 | | | 0.89 | | |
| 292 | 581, 710, 802 | West Lake, Part 2 | Skaneateles | 1.00 | | | 1.00 | | |
| 293 | 583 | East Lake, Part 2 | Skaneateles | 1.00 | | | 1.00 | | |
| 328 | 520 | Valley Road—Marcellus | Marcellus | 1.28 | | | 1.28 | | |
| 329 | 521 | Valley Road—Camillus | Camillus | 2.31 | | | 2.31 | | |
| 330 | 448 | Skaneateles—Hamilton, Part 1 | Tully | 2.44 | | | 2.44 | | |
| 348 | 701 | Collamer | De Witt | 1.96 | | | 1.96 | | |
| 429 | 79, 762 | Thompson | De Witt | 2.79 | | | 2.79 | | |
| 430 | 582, 707 | Jordan Valley, Part 1 | Elbridge | 1.72 | | | 1.72 | | |
| 431 ^a | 703, 711 | Skaneateles—Spafford | { Skaneateles. Spafford. | { 1.32 1.15 | | | 2.47 | | |
| 452 | 705 | Cicero—South Bay | Cicero | 3.53 | | | 3.53 | | |
| 486 | 802, 1147 | Skaneateles—West Lake, Pts. 3, 4, 5. | Skaneateles | 3.37 | | | 3.37 | | |
| 487 ¹ | 708, 1145 | Elbridge | Elbridge | 3.66 | | | 3.66 | | |
| 488 | 709 | Belle Isle | Camillus | 2.02 | | | 2.02 | | |
| 489 | 799, 800, 801 | { Tully—Apulia. Tully—Onondaga Castle, Pt. 2 | { Tully. Fabius. | { 3.65 0.79 | | | 4.44 | | |
| 553 | 784 | Fly | De Witt | 2.33 | | | 2.33 | | |
| 554 | { 797, 798, 1123, 1126 | Fabius | Fabius | 4.91 | | | 4.91 | | |
| 555 ² | { 1254, 1259, 1371 | East Syracuse—Chittenango | { De Witt. Manlius. | { 0.64 7.06 | | | 7.70 | | |
| 556 | 785 | Manlius—Chittenango | Manlius | 3.22 | | | 3.22 | | |
| 557 | { 702, 760, 1194, 1282-A | Vesper—South Onondaga, Part 1. | Otisco | 6.19 | | | 6.19 | | |

| | | | | | | | |
|-------|---------------------------------|-------------------------------------|-----------------|-------|------------------|-------|-------|
| 558* | 1251-C, 1139..... | Genesee Turnpike—Camillus..... | Camillus..... | ..... | ..... | ..... | ..... |
| 655 | 2429..... | Jordan—Cross Lake..... | Elbridge..... | 1.78 | ..... | 1.78 | ..... |
| 669 | 1254-D, 1263-A, 2235..... | Pompey—Jamesville..... | Pompey..... | 3.99 | ..... | ..... | ..... |
| | | | La Fayette..... | 1.33 | ..... | 5.97 | ..... |
| | | | De Witt..... | 0.65 | ..... | ..... | ..... |
| 670 | 745, 1150, 3121. | Cold Spring—Liverpool..... | Salina..... | 2.75 | Liverpool, v.... | 0.66 | 3.41 |
| 671 | V-158, 1332, 2689..... | Baldwinsville—Cold Spring..... | Lysander..... | 3.74 | Baldwinsville, v | 0.57 | 4.31 |
| 672* | 734, 1140, 1254, 2234. | Syracuse—Bridgeport, Part 1..... | Salina..... | 1.30 | Syracuse, c..... | 0.58 | ..... |
| | | | De Witt..... | 3.14 | ..... | ..... | 7.21 |
| | | | Manlius..... | 2.19 | ..... | ..... | ..... |
| 672-A | 1254, 3495.. | Syracuse—Bridgeport..... | De Witt..... | 1.14 | ..... | ..... | 1.14 |
| 673* | 1252..... | Cicero—Brewerton..... | Cicero..... | ..... | ..... | ..... | ..... |
| 896 | V-46, V-48, * 2235..... | Eastwood Village..... | De Witt..... | 0.14 | Eastwood, v.... | 0.91 | 2.43 |
| | | East Syracuse Village..... | De Witt..... | ..... | E. Syracuse, v.. | 1.38 | ..... |
| 897 | 1151, 1251, 2431 | Skaneateles—Camillus..... | Elbridge..... | 2.51 | ..... | ..... | 4.25 |
| | | | Camillus..... | 1.74 | ..... | ..... | ..... |
| 961 | V-137..... | Elbridge Village: South Street..... | Elbridge..... | ..... | Elbridge, v.... | 0.19 | 0.19 |
| 971 | 520, 701, 1260, 1821.. | Marietta—Marcellus..... | Marcellus..... | 6.33 | Marcellus, v.... | 1.36 | 7.69 |
| 1039 | V-190, 1252, 1253, 1258.. | Baldwinsville—Cicero..... | Lysander..... | 2.26 | Baldwinsville, v | 0.48 | 11.10 |
| | | | Clay..... | 7.53 | ..... | ..... | ..... |
| | | | Cicero..... | 0.83 | ..... | ..... | ..... |

* 2.00 miles included in State Route No. 6 and 1.57 miles in State Route No. 20.

† 0.85 mile included in State Route No. 6.

‡ Original plans 6.84 miles. Built as State Highways on Route No. 6.

§ Original contract 7.58 miles; 0.38 mile at grade crossing omitted from construction, of which 0.20 mile was included in No. 672-A.

|| Constructed as State Highway No. 5249 on Route No. 20.

• Original mileage 2.50. 0.03 mile reconstructed under Highway No. 1041.

• Exclusive of villages.

ONONDAGA COUNTY, — Continued

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|--|--|-----------------------|---------------|----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1040 | V-147..... | Camillus Village..... | Camillus..... | ..... | Camillus, v..... | 0.49 | 0.49 | ..... | ..... |
| 1041 | 915, 1265, 1631. | Skaneateles—Borodino—Marletta..... | Spafford..... | 6.08 | ..... | ..... | 6.08 | ..... | ..... |
| 1042 | V-177, 1148. | Skaneateles—Camillus, Part 1..... | Skaneateles..... | 3.91 | Skaneateles, v..... | 0.33 | 4.24 | ..... | ..... |
| 1043 | V-40..... | Fabius Village..... | Fabius..... | ..... | Fabius, v..... | 1.35 | 1.35 | ..... | ..... |
| 1044 | V-148, 3169. | East Syracuse Village: Hartwell Ave..... | De Witt..... | 0.05 | E. Syracuse, v..... | 0.97 | 1.02 | ..... | ..... |
| 1068 | 3185..... | Niles—Mandana..... | Skaneateles..... | 3.12 | ..... | ..... | 3.12 | ..... | ..... |
| 1069 | 1756..... | Onondaga Valley..... | Onondaga..... | 0.30 | ..... | ..... | 0.30 | ..... | ..... |
| 1070 | 2435, V-198. | Vesper—Tully..... | Tully..... | 1.27 | Tully, v..... | 0.41 | 1.68 | ..... | ..... |
| 1071 | 1262, 1331.. | Amber Hamlet..... | Otisco..... | 1.99 | ..... | ..... | 1.99 | ..... | ..... |
| 1072 | 3173..... | Syracuse—Bridgeport, Part 2..... | Cicero..... | 3.06 | ..... | ..... | 3.06 | ..... | ..... |
| 1073 ¹ | { 1386, '88, 3168, | Minos—Manlius Center—Manlius.. | Manlius..... | ..... | Fayetteville, v..... | 0.90 | 4.86 | ..... | 2.37 |
| 1073-A | { 3174, V-174 } | | Manlius..... | 1.39 | Minos, v..... | 0.99 | | | |
| | | | Manlius..... | 2.76 | Manlius, v..... | 1.19 | | | |
| 1074 | { 701, 3169, 3171, Eastwood Vil.: Burnet & Midler Ave..... | De Witt..... | De Witt..... | 0.29 | Eastwood, v..... | 1.24 | 1.91 | ..... | ..... |
| 1145 | { V-319, 3172, V-186 E. Syracuse Vil.: W. Manlius St..... |  | ..... | ..... | E. Syracuse, v..... | 0.38 | | | |
| 1209 | { V-235, 3416. Syracuse City: Englewood Avenue.. |  | ..... | ..... | Syracuse, c..... | 0.76 | | | |
| | V-275..... | Syracuse City: Court Street..... | ..... | ..... | Syracuse, c..... | 0.27 | 0.27 | ..... | ..... |
| 1353 ² | { 3332..... | Solvay—State Fair—Syracuse..... | Geddes..... | 1.27 | Solvay, v..... | 0.15 | 2.13 | ..... | ..... |
| 1354 | { 1261, 3665 } | | Onondaga..... | 4.01 | Syracuse, c..... | 0.71 | | | |
| | { 704, 1127 } | | Onon. Indian Res..... | 1.54 | Syracuse, c..... | ..... |  |  |  |
| 1359 | 1756..... | East Onondaga: Seneca Street..... | Onondaga..... | 0.22 | ..... | ..... | 5.55 | ..... | 0.23 |
| 1505 | { V-382, 3627, | Jordan Village: North Main Street.. | Elbridge..... | 0.22 | Jordan, v..... | 0.74 | ..... | ..... | 0.96 |
| | { 3514..... } |  | ..... | ..... | ..... | ..... |  |  |  |
| 1506 | 3514, 1142.. | Jordan—Baldwinsville, Part 1..... | Elbridge..... | 3.42 | Van Buren, v..... | 2.10 | 5.52 | ..... | ..... |

| | | | | | | | |
|------------------------|----------------------------------|-------------------------------|-------------------------------------|--|-----------------------|-------------------|-------|
| 1507 | { V-387, 3358, 12583, 2433. } | Baldwinsville—Plainville..... | Lysander..... | 6.89 | Baldwinsville v. 0.56 | ..... | 7.45 |
| | | Towns..... | 157.49 | ..... | ..... | 135.61 | 12.03 |
| | | Villages..... | ..... | 17.35 | ..... | 12.96 | 2.10 |
| | | Cities..... | ..... | 2.32 | ..... | 2.32 | ..... |
| | | Totals..... | 157.49 | ..... | 19.67 | 150.89 | 14.13 |
| | | | | | | | 12.14 |
| STATE HIGHWAYS. | | | | | | | |
| | Route No. | Sec- tion | | | | | |
| 5016 | 6 | 7 | Camillus—Fairmount, Part 2..... | Camillus..... | 3.09 | ..... | ..... |
| 5080 | { 20 6 } | { 1 11 } | Elbridge—Camillus, Part 1..... | Elbridge..... | 1.27 | Elbridge, v..... | 1.73 |
| 5143 | 6 | 10 | Elbridge—Camillus, Part 2..... | { Elbridge..... Camillus..... } | 1.78 | ..... | ..... |
| 5249 | 33 | 3 | Cicero—Brewerton..... | Cicero..... | 3.01 | Camillus, v..... | 0.23 |
| 5274 | { 34 5274-A } | { 1, 2 } | Phoenix—Syracuse..... | { Clay..... Salina †..... } | 6.53 | ..... | ..... |
| 5318 | 6 | 8, 9 | Camillus—Fairmount, Part 1..... | Camillus..... | 2.93 | Liverpool, v..... | 1.05 |
| 5318-A | { Pet. V-1107 } | | | | 0.83 | Camillus, v..... | 0.35 |
|  |  |  |  |  | ..... | ..... | 1.18 |
| 5365 | 10 | 2, 4, 5 | Syracuse—Lafayette..... | { Onondaga..... Lafayette..... Indian Reservation..... } | ..... | Syracuse, c..... | 0.26 |
| | | | | | 2.30 | ..... | ..... |
| | | | | | 2.70 | ..... | 6.87 |
| 5306 | { 6 Pet. V-1162 } | { 5 } | Solvay Village: Genesee Street..... | Geddes..... | 0.23 | Solvay, v..... | 0.46 |
|  |  |  |  |  | ..... | ..... | 0.69 |

¹ 0.99 mile in Mincoo village and 1.38 miles in Manlius township cancelled from the original and given No. 1078-A. ² Original contract 2.40 miles. 0.27 mile omitted.

³ 0.18 mile in Clay omitted from construction and re-let as No. 3374-A. ⁴ Original contract 1.20 miles; 0.14 mile at grade crossing cancelled and re-let as No. 5318-A. ⁵ Exclusive of villages. [†] 50 feet to connect with bridge built inside Syracuse city.

ONONDAGA COUNTY — Concluded

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|----------------------------|---------|------------------------------------|----------------|---------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | | |
| 5470 | 33 | 1, 2 | Syracuse—Cicero..... | Salina..... | 2.68 | ..... | ..... | 6.68 | ..... | ..... |
| 5477 | 34 | 3 | Syracuse City: Park Street..... | Clay..... | 1.42 | ..... | ..... | ..... | ..... | ..... |
| 5516 | 10 | 7, 8 | Lafayette—Tully..... | Cicero..... | 2.57 | ..... | ..... | ..... | ..... | ..... |
| 5587 | 6 | 3, 4 | Syracuse—Fayetteville..... | Lafayette..... | 2.93 | Syracuse, c..... | 0.70 | 0.70 | ..... | ..... |
| 5625 | 6 | 1 | Fayetteville—Chittenango, Part 1.. | Tully..... | 5.09 | Tully, v..... | 0.71 | 8.73 | ..... | ..... |
| 5630 | { 20 3, 4 } Pet. V..... | | | De Witt..... | ..... | Syracuse, c..... | 0.37 | ..... | 5.12 | ..... |
| | | | | Manlius..... | 0.95 | ..... | ..... | ..... | ..... | 3.94 |
| | | | | Manlius..... | 3.94 | ..... | ..... | ..... | ..... | 1.76 |
| | | | | Elbridge..... | 0.73 | Jordan, v..... | 1.03 | ..... | ..... | ..... |
| | | | | Towns..... | 55.24 | ..... | ..... | 45.82 | 4.75 | 4.67 |
| | | | | Villages..... | ..... | ..... | 5.56 | 4.53 | ..... | 1.03 |
| | | | | Cities..... | ..... | ..... | 1.33 | 0.96 | 0.37 | ..... |
| | | | | Totals..... | 55.24 | ..... | 6.89 | 51.31 | 5.12 | 5.70 |
| | | | | Stancates..... | 1.97 | ..... | ..... | 1.97 | ..... | ..... |
| | | | | Towns..... | 1.97 | ..... | ..... | 1.97 | ..... | ..... |

ONTARIO COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | County | Miles |
|------------------|--------------|---------------------------------|-------|
| 146 ¹ | 90..... | Geneva—Canandaigua, Part 1..... | 5.62 |
| 187 | 301..... | Bristol..... | 1.73 |
| | | Canandaigua..... | 1.73 |

| | | | | | | | |
|------------------|-----------|-------------------------------|-------------------|------|------------|------|------|
| 188 ² | 227 | Bristol Valley | { East Bloomfield | 4.10 | Holcomb, v | 0.35 | 4.83 |
| | | | { Bristol | 0.38 | | | |
| 189 | 336 | East Side Lake, Part 2 | Canandaigua | 1.29 | | | 1.29 |
| 190 | 331 | East Side Lake, Part 1 | Gorham | 2.37 | | | 2.37 |
| 191 | 228 | Honeoye-Hemlock | Richmond | 4.55 | | | 4.55 |
| 203 ³ | 328 | { Gorham-Stanley, Part 1 | { Gorham | 2.18 | | | 2.18 |
| 204 ⁴ | 335 | Naples-Atlanta | Naples | 0.59 | | | 0.59 |
| 205 ⁵ | 337 | Naples-Woodville | { Naples | 2.39 | | | 2.58 |
| | | | { South Bristol | 0.19 | | | |
| 206 | 329 | Reeds Corners | { Hopewell | 0.61 | | | 2.67 |
| | | | { Gorham | 2.06 | | | |
| 207 ¹ | 330 | { Geneva-Canandaigua, Part 2 | { Hopewell | 5.98 | | | 6.21 |
| | | { Canandaigua | { Canandaigua | 0.23 | | | |
| 333 ⁶ | 426 | Geneva-Canandaigua, Part 3 | Geneva | 1.13 | | | 1.13 |
| 334 ⁷ | 428 | Lyons-Geneva | { Geneva | 1.37 | | | 1.69 |
| | | | { Phelps | 0.32 | | | |
| 335 | 427 | Victor-Mendon, Part 1 | Victor | 5.20 | | | 5.20 |
| 396 ⁴ | 227 | Bristol Valley, Part 2 | Bristol | 6.68 | | | 6.68 |
| 404 ⁴ | 227 | Bristol Valley, Part 3 | South Bristol | 2.00 | | | 2.00 |
| 484 | 966, 1138 | Canandaigua-Victor | { Canandaigua | 3.41 | | | 6.79 |
| | | | { Farmington | 3.38 | | | |
| 485 ⁸ | 967 | West Bloomfield-Honeoye Falls | West Bloomfield | 3.76 | | | 3.76 |

¹ Included in State Route No. 6.

² 1.27 miles included in State Route No. 6 and 3.56 miles in Route No. 14.

³ Original contract 2.20 miles.

⁴ Included in State Route No. 14.

⁵ 2.04 miles included in State Route No. 14. Total length 3.45 miles. 0.97 mile in Yates county.

⁶ 0.02 mile included in State Route No. 6.

⁷ Included in State Route No. 12.

⁸ 0.17 mile included in State Route No. 6.

• Exclusive of villages.

ONTARIO COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|------------------|---|------------------|----------------|--------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 607 | 1018..... | Manchester—Clifton Springs..... | Manchester..... | 4.35 | ..... | ..... | 4.35 | ..... | ..... |
| 608 | 981..... | Phelps—Clifton Springs..... | Phelps..... | 2.21 | ..... | ..... | 2.21 | ..... | ..... |
| 635 ¹ | 1036..... | Geneva—Halls Corners..... | Seneca..... | 5.04 | ..... | ..... | 5.04 | ..... | ..... |
| 636 | 1036-A..... | Stanley—Geneva..... | Seneca..... | 3.16 | ..... | ..... | 3.16 | ..... | ..... |
| 637 | 1017..... | Manchester—Victor..... | Farmington..... | 5.30 | ..... | ..... | 5.30 | ..... | ..... |
| 638 ¹ | 1135..... | Geneva..... | Geneva..... | 1.01 | ..... | ..... | 1.01 | ..... | ..... |
| 639 | 1040..... | Cheshire—McJannetta Hill..... | Canandaigua..... | 7.04 | ..... | ..... | 7.04 | ..... | ..... |
| 662 | 1041, 3467.. | Rushville—Gorham..... | Gorham..... | 5.51 | Rushville, v.... | 0.56 | 6.07 | ..... | ..... |
| 1139 | V-286, 3030. | Clifton Springs Village: Kendall and East Main Streets..... | Manchester..... | ..... | Clifton Spgs., v. | 0.82 | 1.38 | ..... | ..... |
| 1196 | 2705..... | Gorham—Stanley, Part 2..... | Phelps..... | ..... | Clifton Spgs., v. | 0.56 | 1.89 | ..... | ..... |
| 1276 | V-285..... | Victor Village: Cedar, W. Main and E. Main Sts..... | Victor..... | ..... | Victor, v..... | 1.23 | 1.23 | ..... | ..... |
| 1277 | V-308..... | Phelps Village: Main Street..... | Phelps..... | ..... | Phelps, v..... | 1.52 | 1.52 | ..... | ..... |
| 1278 | 2422, 2553, 1037 | Canandaigua—Orleans..... | Canandaigua..... | 1.45 | Canandaigua..... | ..... | ..... | 8.63 | ..... |
| 1294 | 3031..... | Manchester Village: State, Clifton and North Streets..... | Manchester..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1415 | 2553, 1038.. | Chapin—Palmyra, Part 1..... | Hopewell..... | 1.84 | Manchester, v.... | 1.38 | 1.38 | ..... | ..... |
| | | | Manchester..... | ..... | Shortsville, v.... | 0.45 | ..... | 3.95 | ..... |
| | | | Manchester..... | 0.74 | Manchester, v.... | 0.92 | ..... | ..... | ..... |

[illegible]

¹ Included in State Route No. 12.

* Part in Yates county. Total length 8.15 miles.

Original contract forfeited August 2, 1916. Completed by Division Engineer.

* Exclusive of villages.

ONTARIO COUNTY — Concluded

| Highway No. | Route No. | Section | Name of highway | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|-----------|---------|-------------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5616 | 14 | 1 | Cohocton—Naples, Part 2..... | Naples..... | 2.26 | ..... | 2.26 | ..... | ..... |
| 5620 | 6 | 1 | Geneva City: Lake Street..... | ..... | Geneva, c..... | 0.82 | 0.82 | ..... | ..... |
| | { | | Pet. V-1201 | | | | | | |
| | | | Towns..... | 32.20 | ..... | ..... | 32.20 | ..... | ..... |
| | | | Villages..... | ..... | ..... | 5.55 | 5.55 | ..... | ..... |
| | | | Cities..... | ..... | ..... | 1.67 | 1.67 | ..... | ..... |
| | | | Totals..... | 32.20 | ..... | 7.22 | 39.42 | ..... | ..... |

ORANGE COUNTY

COUNTY HIGHWAYS.

Petition No.

| | | | | | | | | | |
|-----------------|-----------|-----------------------------------|------------------|------|---------------------|-------|-------|-------|-------|
| 42 ¹ | 13-A..... | Newburgh—Woodbury..... | New Windsor..... | 3.88 | ..... | ..... | ..... | ..... | ..... |
| | | | Cornwall..... | 5.29 | ..... | ..... | 10.95 | ..... | ..... |
| | | | Woodbury..... | 1.78 | ..... | ..... | ..... | ..... | ..... |
| 43 | 14..... | Cohocton Turnpike, Part 2..... | Newburgh..... | 2.55 | ..... | ..... | 7.55 | ..... | ..... |
| | | | Montgomery..... | 5.00 | ..... | ..... | ..... | ..... | ..... |
| 44 | 15-A..... | Goshen—Florida..... | Goshen..... | 3.76 | ..... | ..... | 4.22 | ..... | ..... |
| | | | Warwick..... | 0.46 | ..... | ..... | ..... | ..... | ..... |
| 45 | 18-A..... | Middletown—Pine Bush, Part 1..... | Crawford..... | 6.41 | ..... | ..... | 9.25 | ..... | ..... |
| 46 ² | 20-A..... | Turners—Monroe..... | Wallkill..... | 2.84 | ..... | ..... | 1.51 | ..... | ..... |
| 64 | 15-A..... | Walden—Scotts Corners..... | Monroe..... | 0.65 | Harriman, v... 0.86 | ..... | 1.84 | ..... | ..... |
| | | | Montgomery..... | 1.84 | ..... | ..... | ..... | ..... | ..... |

| | | | | | | | | | |
|------------------|--------------|-----------------------------------|---------------------|-------|------------------|-------|-------|-------|-------|
| 65 | 15-A..... | Montgomery—Gothen..... | Montgomery..... | 1.43 | ..... | ..... | ..... | 7.95 | ..... |
| 93* | 15-A..... | Florida—Warwick..... | Warwick..... | 4.45 | ..... | ..... | ..... | 4.45 | ..... |
| 95 | 154..... | Middletown—Gothen..... | Wawayanda..... | 1.53 | ..... | ..... | ..... | 5.76 | ..... |
| 95-A | 154..... | Middletown—Gothen..... | Wallkill..... | 0.32 | ..... | ..... | ..... | ..... | ..... |
| 113 | 14-A..... | Middletown—Gothen..... | Gothen..... | 3.91 | ..... | ..... | ..... | ..... | ..... |
| 114 | 18-A..... | Middletown—Pine Bush, Part 2..... | Newburgh..... | 0.11 | ..... | ..... | ..... | 0.11 | ..... |
| 115 ⁴ | 150..... | Middletown—Pine Bush, Part 2..... | Wallkill..... | 2.29 | ..... | ..... | ..... | 2.29 | ..... |
| 153 | 164, 257.... | Central Valley—Turners..... | Woodbury..... | 1.21 | ..... | ..... | ..... | 1.21 | ..... |
| 164 ⁷ | 17..... | Central Valley—Turners..... | Monroe..... | 1.65 | Harriman, V..... | 0.52 | ..... | 2.51 | ..... |
| 166 ⁸ | 20-A..... | Central Valley—Turners..... | Newburgh..... | 0.11 | Harriman, V..... | 0.23 | ..... | ..... | ..... |
| 167 ⁹ | 13..... | Central Valley—Turners..... | New Windsor..... | 0.70 | ..... | ..... | ..... | 13.36 | ..... |
| 169 | 18-A, 261... | Central Valley—Turners..... | Hamptonburg..... | 8.22 | ..... | ..... | ..... | ..... | ..... |
| 180 | 18-A, 261... | Central Valley—Turners..... | Chester..... | 4.44 | ..... | ..... | ..... | ..... | ..... |
| 181 | 256..... | Central Valley—Turners..... | Blooming Grove..... | 1.10 | ..... | ..... | ..... | 11.43 | ..... |
| 281* | 288, 290.... | Central Valley—Turners..... | Cornwall..... | 6.65 | ..... | ..... | ..... | ..... | ..... |
| | | Central Valley—Turners..... | New Windsor..... | 3.02 | ..... | ..... | ..... | ..... | ..... |
| | | Central Valley—Turners..... | Chester..... | 0.66 | ..... | ..... | ..... | ..... | ..... |
| | | Central Valley—Turners..... | Gothen..... | 0.48 | ..... | ..... | ..... | 3.04 | ..... |
| | | Central Valley—Turners..... | Woodbury..... | 2.56 | ..... | ..... | ..... | ..... | ..... |
| | | Central Valley—Turners..... | Wawayanda..... | 3.48 | ..... | ..... | ..... | 3.48 | ..... |
| | | Central Valley—Turners..... | Wawayanda..... | 3.49 | ..... | ..... | ..... | 3.49 | ..... |
| | | Central Valley—Turners..... | Ministink..... | 2.17 | ..... | ..... | ..... | 8.38 | ..... |
| | | Central Valley—Turners..... | Newburgh..... | 6.21 | ..... | ..... | ..... | ..... | ..... |
| | | Central Valley—Turners..... | Highland..... | 8.61 | ..... | ..... | ..... | 8.61 | ..... |
| | | Central Valley—Turners..... | Woodbury..... | ..... | ..... | ..... | ..... | ..... | ..... |

¹ 1.02 miles included in State Route No. 3. ² Included in State Route No. 4. ³ Original plans, 4.67 miles. Reduced to 4.45 miles by relocation of problems.
⁴ 1.13 miles included in State Route No. 4 and 0.70 mile in State Route No. 39-B. ⁵ 1.36 miles included in State Route No. 4. ⁶ 0.47 mile included in State Route No. 4. ⁷ Original plans 11.49 mile, 11.25 built under No. 164, 0.09 mile additional under No. 164-A, 0.09 mile additional built and 0.06 mile of original/rebuilt under No. 164-B. ⁸ Built as part of State Highway No. 5328 on Route No. 4. ⁹ Exclusive of villages.

ORANGE COUNTY — Continued

| County Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|--------------------|--------------|---------------------------------------|---------------------|---------------|-----------------|--------------------------|--------------------------|--------------------------------------|
| 282 | 10, 263..... | Greenville—Slate Hill..... | Greenville..... | 3.40 | ..... | ..... | 7.13 | ..... |
| 283 | 10, 263..... | Greenville—Port Jervis..... | Wayanda..... | 3.73 | ..... | ..... | 5.11 | ..... |
| 312 | 260, 262.... | Middletown—Cuddebackville, Pt. 1. | Greenville..... | 3.00 | ..... | ..... | 4.38 | ..... |
| 313* | 260..... | Middletown—Cuddebackville, Pt. 2. | Deer Park..... | 2.11 | ..... | ..... | 4.70 | ..... |
| 313-A | 260..... | Middletown—Cuddebackville, Pt. 2. | Wallkill..... | 2.54 | ..... | ..... | 1.02 | ..... |
| 382 | 234..... | Walden—Pine Bush..... | Mt. Hope..... | 1.84 | ..... | ..... | 6.57 | ..... |
| 411* | 289, 757.... | West Point—Cornwall..... | Mt. Hope..... | 2.61 | ..... | ..... | ..... | ..... |
| 412* | 660, 999.... | Port Jervis—Sullivan Co. Line, Pt. 1. | Deer Park..... | 2.09 | ..... | ..... | ..... | ..... |
| 413 | 155, 664.... | Highland Mills—Monroe..... | Mt. Hope..... | 0.56 | ..... | ..... | ..... | ..... |
| 414 | 729..... | Scotts Corners—Burnside..... | Deer Park..... | 0.46 | ..... | ..... | ..... | ..... |
| 415* | 147..... | Newburgh—Cornwall..... | Montgomery..... | 3.07 | ..... | ..... | ..... | ..... |
| 416* | 681..... | Rockland County Line—Tuxedo.... | Crawford..... | 3.50 | ..... | ..... | ..... | ..... |
| 447 | 275..... | Warwick—Greenwood Lake..... | Highland..... | ..... | ..... | ..... | ..... | ..... |
| 448 | 660..... | Port Jervis—Sullivan Co. Line, Pt. 2. | Cornwall..... | ..... | ..... | ..... | ..... | ..... |
| 449 ¹⁴ | 729..... | Burnside—Washingtonville..... | Deer Park..... | ..... | ..... | ..... | ..... | ..... |
| | | | Hamptonburg..... | 1.94 | ..... | ..... | 3.17 | ..... |
| | | | Blooming Grove..... | 1.23 | ..... | ..... | ..... | ..... |

| | | | | | | | | |
|--------------------|-------------|--|-----------------|-------|--------|-------|--------|--------|
| 498 ⁷ | 757 | West Point—Central Valley, Part 2. | Highland | ..... | ..... | ..... | ..... | ..... |
| 499 | 1019 | Middletown—Montgomery | Wallkill | ..... | 7.03 | ..... | ..... | 9.18 |
| | | | Montgomery | ..... | 2.15 | ..... | ..... | ..... |
| | 1155 | Unionville—New Jersey Line | Minisink | ..... | 0.30 | ..... | ..... | ..... |
| 500 ⁸ | 983 | New Hampton—Denton | Wayanda | ..... | 0.66 | ..... | ..... | 4.75 |
| | 807 | Greenwood Lake—Tuxedo Lake Pt. 1 | Warwick | ..... | 3.62 | ..... | ..... | ..... |
| | | | Tuxedo | ..... | 0.17 | ..... | ..... | ..... |
| | | | Goshen | ..... | 2.72 | ..... | ..... | ..... |
| 501 ⁹ | 293 | Goshen—Middletown | Wayanda | ..... | 1.55 | ..... | ..... | 5.25 |
| | | | Wallkill | ..... | 0.98 | ..... | ..... | ..... |
| 576 | 663 | Montgomery—Bullville | Montgomery | ..... | 2.92 | ..... | ..... | 7.51 |
| | | | Crawford | ..... | 4.59 | ..... | ..... | ..... |
| | | | Chester | ..... | 2.73 | ..... | ..... | 3.55 |
| 600 ¹⁰ | 20-A, 2247 | Monroe—Chester | Blooming Grove | ..... | 0.82 | ..... | ..... | ..... |
| | | | Highland | ..... | ..... | ..... | ..... | ..... |
| 605 ¹¹ | 168 | Highland Lake—Fort Montgomery | Monroe | ..... | 0.98 | ..... | ..... | 0.98 |
| 739 ¹² | 1021, 1154 | Turner | ..... | ..... | ..... | ..... | ..... | ..... |
| 1329 ¹³ | V-229 | Goshen Village: S. Church, W. Main, Main Streets and Greenwich Ave. | Goshen | ..... | ..... | 3.70 | ..... | ..... |
| 1508 | V-245, 3777 | Washingtonville Village | Blooming Grove | ..... | ..... | 2.48 | ..... | 2.48 |
| | | | Goshen, v | ..... | 3.70 | ..... | ..... | ..... |
| | | | Washingtonville | ..... | 2.48 | ..... | ..... | ..... |
| | | | Towns | ..... | 206.01 | ..... | 174.79 | 9.18 |
| | | | Villages | ..... | ..... | ..... | 7.79 | 5.31 |
| | | | Cities | ..... | ..... | ..... | ..... | ..... |
| | | | Totals | ..... | 206.01 | ..... | 7.79 | 180.10 |
|  |  |  |  | ..... | ..... | ..... | 9.18 | 24.52 |

⁷ Original plans 5.16 miles. 0.28 at railroad omitted from construction and 0.18 reconstructed under contract 313-A.

⁸ Original contract awarded but inflection prevented construction. Included in State Route No. 3 and built as No. 5498.

⁹ 2.33 miles included in State Route No. 3-A.

¹⁰ 2.63 miles included in State Route No. 3. Original contract 3.37 miles. 0.36 mile at R. omitted.

¹¹ 0.63 mile included in State Route No. 39-B.

¹² Built as part of State Highway No. 5328 on Route No. 4.

¹³ Original plans 5.85 miles. Cedar Hill Cemetery-County Line (1.10 miles, Petition No. 788) built as part of State Highway No. 5176.

¹⁴ 2.53 miles included in State Route No. 4.

¹⁵ Part not on approved County System. Original plans 5.06 miles: 1.51 miles included in State Route No. 4 and built as No. 5144.

¹⁶ Original plans 2.04 miles. Included in State Route No. 3 and constructed as No. 5490. 0.66 mile included in State Route No. 39-B.

¹⁷ Original contract forfeited May 1, 1916. ¹⁸ Original contract forfeited. Completed by Department Forces. ¹⁹ Exclusive of villages.

ORANGE COUNTY — Continued

STATE HIGHWAYS.

| High- way No. | Route No. | Sec- tion | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved awaiting contract |
|-----------------------|--------------|--------------|----------------------------------|---------------------|---------------------|-----------------|-------------------------------------|-------------------------|--|---|
| 5007 | 3 | 16 | Newburgh—Cedar Hill Cemetery... | Newburgh..... | 3.28 | | | 3.28 | | |
| 5144 | 4 | 17 | Monroe—Oxford..... | Monroe..... | 0.46 | Monroe, v..... | 1.80 | 3.31 | | |
| 5176 ¹ | 3 | 7 | Marlboro—County Line..... | Blooming Grove..... | 1.05 | | | | | |
| 5210 | 3 | | | Newburgh..... | 1.10 | | | 1.10 | | |
| 5210-A } ² | 4 | 17 | Middletown—Bloomingburg..... | Wallkill..... | 6.78 | | | 6.78 | | |
| 5210-B } | 4 | 8 | Oxford—Chester..... | Blooming Grove..... | 0.76 | | | | | |
| 5297 | 4 | | | Chester..... | 2.07 | Chester, v..... | 1.11 | 3.94 | | |
| 5328 ² | 4 | 1 | West Point—Central Valley..... | Highland..... | 6.29 | Highland Falls. | 0.66 | 11.19 | | |
| 5328-B ² | 4 | 2 | | Woodbury..... | 4.24 | | | | | |
| 5328-A ⁴ | 4 | 4 | West Point—Central Valley..... | Highland..... | 0.90 | | | 0.90 | | |
| 5490 ² | 3 | 1 | Highland Lake—Fort Montgomery. | Highland..... | 1.48 | | | 1.48 | | |
| 5498 ² | 3 | 8 | Cornwall—West Point, Part 1..... | Cornwall..... | 1.18 | Cornwall, v.... | 0.09 | ..... | 1.27 | |
| 5572 ² | 3 | 6, 7 | Cornwall—West Point, Part 2..... | Cornwall..... | 0.49 | | | | 2.76 | |
| | | | | Highland..... | 0.87 | | | | | |
| 5573 ⁴ | 3 | 5 | Cornwall—West Point, Part 3..... | West Point..... | 1.30 | | | | | |
| 5591 | 3 | 10 | Newburgh—Cornwall..... | West Point..... | 1.17 | | | | 1.17 | |
| | | | | New Windsor..... | 0.19 | | | | | |
| | | | | Cornwall..... | 0.19 | | | 0.38 | | |
| | | | | Towns..... | 33.90 | | | 28.79 | 5.11 | |
| | | | | Villages..... | | | 3.66 | 3.57 | 0.09 | |
| | | | | Cities..... | | | | | | |
| | | | | Totals..... | 33.90 | | 3.66 | 32.36 | 5.20 | |

ORLEANS COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | |
|------|--------------|---|----------------|------|-------|-------|-------|
| 386 | 599..... | Five Corners—Kuckville, Part 1.... | Gaines..... | 3.47 | ..... | 3.47 | ..... |
| 387 | 601..... | Five Corners—Kuckville, Part 2.... | Carlton..... | 5.69 | ..... | 5.69 | ..... |
| 388 | 594..... | Kendalls Corners..... | Kendall..... | 3.42 | ..... | 3.42 | ..... |
| 389 | 598..... | Maple Ridge, Part 1..... | Shelby..... | 3.08 | ..... | 3.08 | ..... |
| 390 | 598..... | Maple Ridge, Part 2..... | Shelby..... | 2.79 | ..... | 2.79 | ..... |
| 391 | 598..... | Clarendon—Holley (and Clarendon— Genesee Co. Line, Pt. 1)..... | Clarendon..... | 4.54 | ..... | 4.54 | ..... |
| 392 | 593..... | Oak Orchard, Part 1..... | { Albion..... | 1.50 | ..... | 3.34 | ..... |
| 393 | 600..... | Oak Orchard, Part 2..... | { Barre..... | 1.84 | ..... | 3.61 | ..... |
| 394 | 602..... | Oak Orchard, Part 3..... | Gaines..... | 3.61 | ..... | 3.24 | ..... |
| 395 | 597..... | Medina—Alabama..... | Carlton..... | 3.24 | ..... | 5.40 | ..... |
| 398* | 595..... | County Line..... | { Shelby..... | 5.40 | ..... | 2.77 | ..... |
| 578† | { 964..... | Albion—Eagle Harbor Quarry..... | { Kendall..... | 2.75 | ..... | ..... | 1.56 |
| 579 | { 963..... | Albion—Annis Corners..... | { Murray..... | 0.02 | ..... | ..... | ..... |
| 580 | 965..... | Barre Center—West Barre..... | Albion..... | 1.56 | ..... | 4.63 | ..... |
| | 960, 3336... | Fancher—Brockville..... | Barre..... | 4.63 | ..... | 2.86 | ..... |
| | | | Murray..... | 2.86 | ..... | ..... | ..... |

* Total length 2.18 miles. 1.08 miles in Ulster county.

† 0.66 mile cancelled; 0.48 mile re-let as No. 5210-A and 0.18 mile as No. 5210-B.

miles in Woodbury cancelled and re-let as No. 5323-A. Original contract 11.20 miles; 2.05 miles in Highland and 4.24 miles in Woodbury cancelled and re-let as No. 5323-B.

* On U. S. Military Reservation.

† Part on U. S. Military Reservation.

* One-half in Monroe county. Actual length 5.53 miles. Original contract 5.55 miles.

* Original plans 1.67 miles. Petition No. 963 (1.13 miles) built as State Highway No. 5432. Petition No. 964 (2.49 miles); 0.93 mile built as State Highway

No. 5469.

* Original plans 1.87 miles. Decrease due to change in location.

* Original contract 6.27. Increase due to change in location.

* Excludes village.

ORLEANS COUNTY — Concluded

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-----------------|-----------------------------|---------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 581 | 957, 2904, 3327 | Yates—Lyndonville—Ridgeway | { Yates Ridgeway | 3.82 | Lyndonville, V. | 0.99 | 7.45 | .... | .... |
| 582 ¹ | 961 | Holley-Ridge Road | Murray | 2.46 | .... | .... | 2.46 | .... | .... |
| 588 ² | 962 | Monroe—Orleans County Line | Murray | 1.04 | .... | .... | 1.04 | .... | .... |
| 688 | 1674 | Auger | Kendall | 1.58 | .... | .... | .... | .... | 1.58 |
| 1263 | 3338 | Maple Ridge, Part 3 | Shelby | 0.90 | Medina, V. | 0.90 | 1.80 | .... | .... |
| 1429 | 1834 | Barre Center—Elba, Part 1 | Barre | 4.82 | .... | .... | .... | .... | 4.82 |
| 1430 | V-326, 3591 | Albion Village: Main Street | { Albion Gaines | .... | Albion, V. | 1.17 | 1.32 | .... | .... |
|  |  |  |  | .... | Albion, V. | 0.15 | .... | .... | .... |
| | | | Towns | 67.66 | .... | .... | 59.70 | .... | 7.96 |
| | | | Villages | .... | .... | 3.21 | 3.21 | .... | .... |
| | | | Cities | .... | .... | .... | .... | .... | .... |
| | | | Totals | 67.66 | .... | 3.21 | 62.91 | .... | 7.96 |

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|------------|---------------|--------------------------|--------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5025 | 30 | 2 | Albion St.—Holley | Murray | 2.46 | .... | .... | 2.46 | .... | .... |
| 5118 | 30 | 3 | Holley—Albion, Part 2 | Murray | 2.24 | .... | .... | 2.24 | .... | .... |
| 5315 | { 30 11 | { Pet. V-1104 | Medina Village | Ridgeway | .... | Medina, V. | 2.40 | 2.40 | .... | .... |
| 5421 | 30 | 1 | Holley—Brockport, Part 1 | Murray | 1.12 | Holley, V. | 1.28 | 2.40 | .... | .... |
| 5422 | { 30 4 | { Pet. V-1161 | Albion—Fancher | { Albion Murray | 2.91 | .... | .... | 3.43 | .... | .... |

| | | | | | | | | | |
|-------|---------------|-------|-------------------------------------|----------------|-------|----------------|-------|-------|-------|
| 3254 | 30 | 12 | Hartland—Medina, Part 2..... | Ridgway..... | 6.02 | ..... | 6.02 | ..... | ..... |
| 5448 | { 30 | 5 | Albion Village: West and East Ave's | Albion..... | ..... | Albion, v..... | 1.84 | ..... | ..... |
| | Pet. V-1191 } | | | | | | | | |
| 5469* | 30 | 6-10 | Medina—Albion..... | { Ridgway..... | 3.74 | Medina, v..... | 0.09 | ..... | ..... |
| 5556 | 30 | * 201 | Ridgway—Gaines, Part 1..... | { Albion..... | 5.16 | ..... | ..... | 8.95 | ..... |
| | | | | Ridgway..... | 0.17 | ..... | ..... | 0.17 | ..... |
| 5603 | 30 | * 101 | Middleport—Medina, Part 2..... | { Shelby..... | 1.78 | ..... | ..... | ..... | 3.72 |
| | | | | Ridgway..... | 1.22 | Medina, v..... | 0.72 | ..... | ..... |
| | | | | | | | | | |
| | | | Towna..... | 27.34 | ..... | ..... | 24.34 | ..... | 3.00 |
| | | | Villages..... | ..... | ..... | ..... | 6.29 | 5.57 | 0.72 |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 27.34 | ..... | ..... | 6.29 | 29.91 | 3.72 |

OSWEGO COUNTY

COUNTY HIGHWAYS.

Petition
No.

| | | | | | | | | |
|------|--------------|-------------------------|---------------|------|-------|------|-------|-------|
| 278* | 579..... | Syracuse—Watertown..... | Hastings..... | 2.41 | ..... | 2.41 | ..... | ..... |
| 279 | 114, 1334... | West Oswego River..... | Minetto..... | 2.48 | ..... | 2.48 | ..... | ..... |
| 280† | 254..... | Oswego—Sterling..... | Oswego..... | 1.65 | ..... | 1.65 | ..... | ..... |
| 370 | 788..... | Minetto..... | Minetto..... | 0.48 | ..... | 0.48 | ..... | ..... |

* Original plans 5.07 miles. Petition No. 958 (1.51 miles) built as State Highway No. 5421.
 † One-half in Monroe county. Actual length 2.08 miles.

* Original contract forfeited.

* Section one of Spur Two. See App. C.

* Section one of Spur One. See App. C.

* Included in State Route No. 31.

* Included in State Route No. 30.

* Exclusive of villages.

OSWEGO COUNTY — Concluded

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|--------------------------|--|-------------------------------------|-----------------|---------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 450 | 778..... | Phoenix—Pennellville..... | Schroepel..... | 1.92 | ..... | ..... | 1.92 | ..... | ..... |
| 451 ¹ | 1334..... | Minetto—Fulton..... | Minetto..... | 1.99 | ..... | ..... | 1.99 | ..... | ..... |
| 509 ² | 770, 2820.. | Oswego—Mexico, Part 1..... | Scriba..... | 5.40 | ..... | ..... | 5.40 | ..... | ..... |
| 539 | 769, 1439.. | Fulton—Volney..... | Volney..... | 2.09 | ..... | ..... | 2.09 | ..... | ..... |
| 653 | 1303, 1419.. | Granby Roads..... | Granby..... | 5.06 | ..... | ..... | 5.06 | ..... | ..... |
| 654 ² | 2203..... | Oswego—Mexico, Part 2..... | New Haven..... | 5.33 | ..... | ..... | 5.33 | ..... | ..... |
| 661 | { 1005..... 2194..... | Oswego—West Fifth Street..... | Minetto..... | 1.26 | ..... | ..... | ..... | ..... | ..... |
| 746 ² | { 2194..... 2484..... | Fruit Valley..... | Oswego..... | 2.32 | ..... | ..... | 3.58 | ..... | ..... |
| | | Carleys Mills—Parish..... | Parish..... | 1.11 | ..... | ..... | 1.11 | ..... | ..... |
| 772 | 1304..... | Fulton—Hannibal..... | { Granby..... Granby..... | { 3.66 | Fulton, e..... | 0.04 | 3.70 | ..... | ..... |
| 825 | 1333..... | Fulton—Oswego..... | Granby..... | 3.33 | ..... | ..... | 3.33 | ..... | ..... |
| 826 | 1524, 2720.. | Pulaski—Orwell..... | { Richland..... Orwell..... | { 4.34 1.57 | ..... | ..... | 5.91 | ..... | ..... |
| 972 | 2486, 2899.. | Pulaski—Williamstown, Part 2..... | Albion..... | 3.46 | Altmar, v..... | 2.21 | 5.67 | ..... | ..... |
| 973 | 2202..... | Volney—Palermo..... | { Volney..... Palermo..... | { 1.44 3.77 | ..... | ..... | 5.21 | ..... | ..... |
| 1046 | 1007..... | Sterling—Oswego, Part 2..... | Oswego..... | 2.80 | ..... | ..... | 2.80 | ..... | ..... |
| 1047 | V-185, 3032. | Fulton City: West First Street..... | Fulton, e..... | ..... | ..... | 3.10 | 3.10 | ..... | ..... |
| 1126 | V-223, 3410. | Pulaski Village: Mill Street..... | Richland..... | ..... | Pulaski, v..... | 0.90 | 0.90 | ..... | ..... |
| 1137 | V-287, 3034. | Oswego City: West First Street..... | ..... | ..... | Oswego, e..... | 1.43 | 1.43 | ..... | ..... |
| 1138 | V-247, 3409. | Phoenix Village: Volney Street..... | Schroepel..... | ..... | Phoenix, v..... | 0.65 | 0.65 | ..... | ..... |
| 1243 | 2281, 3105.. | Central Square—Constantina, Pt. 1. { West Monroe..... | { Hastings..... West Monroe..... | { 0.72 4.14 | Central Sq., v..... | 0.54 | 5.40 | ..... | ..... |

| 1244 | 1356, 2367, 3544 | Phoenix—Mexico, Part 2..... | Schroepfel..... | 5.20 | ..... | 6.20 | ..... |
|------|-------------------------------|---------------------------------------|-------------------|-------|-------|-------|-------|
| 1245 | 2750, 3033.. | Fulton—Hannibal, Part 2..... | Hannibal..... | 2.83 | ..... | 3.66 | ..... |
| 1287 | 2858, 3314.. | Pulaski—Williamstown, Part 3..... | Williamstown..... | 7.75 | ..... | 7.75 | ..... |
| 1288 | 2801, 2486, 3589 | Pulaski—Williamstown, Part 1..... | Richland..... | 1.47 | ..... | 5.11 | ..... |
| 1413 | ..... | Hastings—Parish..... | Albion..... | 2.59 | ..... | 1.05 | ..... |
| 1427 | { V-364, 3715, 3676..... } | Fulton—Volney, Part 1..... | Hastings..... | 0.07 | ..... | 2.04 | ..... |
| 1428 | 3716, 3427.. | Sandy Creek—Smartville..... | Parish..... | 1.21 | ..... | 0.76 | ..... |
| | | | Fulton, c..... | 0.21 | ..... | 0.55 | ..... |
| | | | Volney..... | 0.34 | ..... | 0.50 | ..... |
| | | | Sandy Creek..... | 2.04 | ..... | 0.94 | ..... |
| | | | Sandy Creek..... | ..... | ..... | ..... | 6.36 |
| | | | Boylston..... | 2.88 | ..... | ..... | ..... |
| | | | Towns..... | 89.11 | ..... | 84.19 | 4.92 |
| | | | Villages..... | ..... | ..... | 6.04 | 1.44 |
| | | | Cities..... | ..... | ..... | 4.78 | ..... |
| | | | Totals..... | 89.11 | ..... | 95.91 | 6.36 |
| 5044 | 30 | 7 Mexico—Union Square, Part 1..... | Mexico..... | 2.03 | ..... | 3.49 | ..... |
| 5082 | 30 | 6 Mexico—Union Square, Part 2..... | Mexico..... | 2.91 | ..... | 2.91 | ..... |
| 5083 | 30 | 5 Union Square—Pulaski, Part 1..... | Mexico..... | 1.16 | ..... | 2.61 | ..... |
| 5171 | 30 | 13 Southwest Oswego—Fruit Valley..... | Richland..... | 1.45 | ..... | 2.01 | ..... |
| | | | Oswego..... | 2.01 | ..... | ..... | ..... |

¹ 0.69 mile, flooded by the Barge canal, cancelled from original contract and built by the State Engineer.

² Included in State Route No. 30.

³ Original plans 1.53 miles; 0.41 mile included in State Route No. 28 and built as No. 5526.

⁴ Exclusive of villages.

OSWEGO COUNTY — Concluded

STATE HIGHWAYS

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|-------------|---------------|---------|--|--------------------|---------------|---------------------|--------------------------|--------------------------|--------------------------------------|
| 5221 | 30 | 4 | Union Square—Pulaski, Part 2..... | Richland..... | 4.06 | Pulaski, v..... | 0.63 | 4.69 | ..... |
| 5250 | 33 | 2 | Central Square—Union Square, Pt. 1..... | Hastings..... | 5.89 | Central Sq., v..... | 1.11 | 7.00 | ..... |
| 5251 | 34 | 3 | Fulton—Three Rivers, Part 1..... | Volney..... | 3.48 | Fulton, c..... | 0.77 | 4.25 | ..... |
| | { 30 1-3 | | | | | | | | |
| 5275 | { Pet. V-1069 | | Pulaski—Sandy Creek..... | { Richland..... | 1.06 | Pulaski, v..... | 1.39 | 8.15 | ..... |
| | { Pet. V-1129 | | | { Sandy Creek..... | 4.31 | Sandy Creek, v..... | 1.39 |  | ..... |
| 5276 | 34 | 4 | Fulton—Three Rivers, Part 2..... | Schroppel..... | 4.65 | Phoenix, v..... | 1.52 | 6.17 | ..... |
| | { Pet. V-1099 | | | | | | | | |
| 5352 | 34 | 1 | Fulton—Oswego..... | { Volney..... | 5.66 | Fulton, c..... | 0.95 | 10.85 | ..... |
| | { Pet. V-1147 | | | { Scriba..... | 1.84 | Oswego, c..... | 2.40 |  | ..... |
| 5408 | 34 | 2 | Fulton City: East First Street..... | ..... | ..... | Fulton, c..... | 0.36 | 0.36 | ..... |
| 5415 | 33 | 3 | Central Square—Union Square, Pt. 2..... | Hastings..... | 0.88 | ..... | ..... | 5.79 | ..... |
| 5486 | 28 | 6 | Oswego City: West Seneca and West Bridge Streets..... | Mexico..... | 4.91 | ..... | ..... | 1.14 | ..... |
| 5487 | 30 | 11 | Oswego City: East 9th and Onaida Streets and State Road..... | ..... | ..... | Oswego, c..... | 1.14 | 1.14 | ..... |
| | { Pet. V-1112 | | | | | | | | |
| | { Pet. V-1184 | | | | | | | | |
| 5526 | 28 | 5 | Parish—Camden, Part 1..... | { Mexico..... | 0.94 | Oswego, c..... | 1.47 | 1.47 | ..... |
| | | | | { Parish..... | 2.67 | Parish, v..... | 1.17 | 4.78 | ..... |

| | | | | | | | | | |
|------|----|-----|----------------------------|---------------|-------|-------|-------|-------|-------|
| 5638 | 28 | 3.4 | Parish—Camden, Part 2..... | { Parish..... | 4.02 | ..... | ..... | ..... | ..... |
| | | | | { Amboy..... | 1.61 | ..... | ..... | ..... | 5.63 |
| | | | | | | | | | |
| | | | Towns..... | | 55.54 | ..... | ..... | ..... | 55.54 |
| | | | Villages..... |  | ..... | 8.67 | ..... | ..... | 8.67 |
| | | | Cities..... |  | ..... | 7.09 | ..... | ..... | 7.09 |
| | | | Totals..... | | 55.54 | ..... | 15.76 | ..... | 71.30 |

OTSEGO COUNTY

COUNTY HIGHWAYS

Petition No.

| | | | | | | | | | | |
|------------------|----------------------|------------------------------------|-------|------------------|-------|------------------|-------|-------|-------|-------|
| 162 ¹ | 201..... | Onesonta..... | ..... | ..... | ..... | Onesonta, c..... | 0.06 | ..... | 1.39 | ..... |
| 219 | 374..... | Richfield Springs—Cherry Valley... | ..... | Onesonta..... | 1.33 | ..... | ..... | ..... | ..... | ..... |
| 220 ² | 376, 524..... | Worcester..... | ..... | Richfield..... | 0.68 | ..... | ..... | ..... | 0.68 | ..... |
| 221 | 376, 1391... | Edmeston..... | ..... | Worcester..... | 0.98 | ..... | ..... | ..... | 0.98 | ..... |
| 314 | 425, 532... | Gilbertsville—Mt. Upton..... | ..... | Edmeston..... | 0.50 | ..... | ..... | ..... | 0.50 | ..... |
| 315 | 528..... | Morris—Gilbertsville, Part 1..... | ..... | Butternuts..... | 4.37 | ..... | ..... | ..... | 4.37 | ..... |
| 316 ¹ | 530-A..... | Colliersville—Emmons..... | ..... | Morris..... | 3.53 | ..... | ..... | ..... | 3.53 | ..... |
| 317 ¹ | 530-B..... | Shady Side—Otego..... | ..... | Onesonta..... | 1.26 | ..... | ..... | ..... | 1.26 | ..... |
| 318 ² | 529..... | Colliersville—Milford Center..... | ..... | Onesonta..... | 2.70 | ..... | ..... | ..... | 2.70 | ..... |
| 319 ¹ | 527..... | Schenenvus—Maryland..... | ..... | Milford..... | 2.03 | ..... | ..... | ..... | 2.03 | ..... |
| | 751, 754, 1012, 1336 | Milford Center—Milford..... | ..... | Maryland..... | 3.65 | ..... | ..... | ..... | 3.65 | ..... |
| 674 ⁴ |  |  | ..... | Milford..... | 6.21 | ..... | ..... | ..... | 6.40 | ..... |
|  |  |  | ..... | Middlefield..... | 0.28 | ..... | ..... | ..... | ..... | ..... |

¹ Included in State Route No. 7.² 0.71 mile included in State Route No. 7.³ Included in State Route No. 5.⁴ 6.90 miles included in State Route No. 5.⁵ Exclusive of villages.

OTSEGO COUNTY — Continued

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-----------------------------|--|--|------------------|-----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 675 ^s | 755, 1013... | Otego—Oneonta..... | { Otego..... Oneonta..... } | { 3.34 0.37 } | Oneonta, c..... | 0.28 | 3.99 | ..... | ..... |
| 676 | 537, 538.... | Otego—Wilkeys Corners..... | Otego..... | 2.01 | ..... | ..... | 2.01 | ..... | ..... |
| 677 | 526, 1011... | Edmeston—West Burlington—Kelsey Corners..... | { Edmeston..... Burlington..... } | { 2.21 1.80 } | ..... | ..... | 4.01 | ..... | ..... |
| 678 | 1323..... | Morris—Gilbertsville, Part 2..... | Butternuts..... | 2.64 | ..... | ..... | 2.64 | ..... | ..... |
| 708 ¹ | 1305..... | Sidney—Unadilla..... | Unadilla..... | 4.27 | ..... | ..... | 4.27 | ..... | ..... |
| 781 | 532, 2715... | Gilbertsville Village..... | Butternuts..... | ..... | Gilbertsville, v..... | 0.80 | 0.89 | ..... | ..... |
| 782 ^s | 2716..... | Otego Village..... | Otego..... | ..... | Otego, v..... | 0.43 | 0.43 | ..... | ..... |
| 783 ⁴ | 1336, 2714.. | Millford Village..... | Millford..... | ..... | Millford, v..... | 0.68 | 0.68 | ..... | ..... |
| 784 | 534, 1403... | Cooperstown—Three Mile Point... | Otego..... | 3.12 | ..... | ..... | 3.12 | ..... | ..... |
| 785 ^s | { 525, 1324, 2564..... } | Richfield Springs—Schuyler Lake... | Essex..... | 1.72 | ..... | ..... | ..... | 1.72 | ..... |
| 788 | 1404..... | Cherry Valley—Roseboom..... | { Cherry Valley..... Roseboom..... } | { 2.43 1.33 } | ..... | ..... | 3.76 | ..... | ..... |
| 787 ¹ | 2532..... | East End..... | Essex..... | 0.33 | Oneonta, c..... | 0.47 | 0.47 | ..... | ..... |
| 833 | 2563, 2566.. | West Essex—West Winfield..... | { Plainfield..... Springfield..... } | { 5.10 1.41 } | ..... | ..... | 5.43 | ..... | ..... |
| 934 | 540, 753.... | East Springfield—Cherry Valley... | { Springfield..... Cherry Valley..... } | { 2.97 0.52 } | Cherry Valley, v..... | 0.52 | 4.90 | ..... | ..... |
| 935 | 1406..... | Schenenuss—Westford, Part 1..... | Maryland..... | 3.83 | ..... | ..... | 3.83 | ..... | ..... |
| 936 | 1406..... | Schenenuss—Westford, Part 2..... | Westford..... | 4.15 | ..... | ..... | 4.15 | ..... | ..... |

| | | | | | | | | |
|-------|-------------------------------|--|------------------|--------|---------------------|-------|-------|-------|
| 987 | 2567, 2970.. | Kelsey Corners—West Exeter..... | Burlington..... | 5.00 | ..... | ..... | 6.43 | ..... |
| | | | Plainfield..... | 0.12 | ..... | ..... | ..... | ..... |
| | | | Exeter..... | 1.31 | ..... | ..... | ..... | ..... |
| 1147 | 1406, V-176. | Schenevus Village: Elk Street..... | Maryland..... | ..... | Schenevus, v..... | 0.20 | 0.20 | ..... |
| 1302* | { 2942, 2907, 2815, 1411 } | { Morris—Oneonta..... | Morris..... | 3.02 | Morris, v..... | 1.03 | ..... | ..... |
| | | | Laurens..... | 5.24 | ..... | ..... | 12.66 | ..... |
| 1303 | 3427..... | Unadilla Forks—Bridgewater..... | Oneonta..... | 3.27 | ..... | ..... | ..... | ..... |
| 1408 | { 1403, 1341, 533..... | { Three Mile Point—Springfield Cen- ter—Warren..... | Plainfield..... | 2.52 | ..... | ..... | 2.52 | ..... |
| 1409 | { V-342, 3523, 2562..... | { Richfield Springs—Winfield, Pts. 1 and 2..... | Otego..... | 2.43 | ..... | ..... | ..... | 8.13 |
| | | | Springfield..... | 5.70 | ..... | ..... | ..... | ..... |
| 1485 | 2805..... | Worcester—Decatur..... | Richfield..... | 6.53 | Richfield Spgs..... | 1.34 | ..... | 7.87 |
| | | | Worcester..... | 1.68 | ..... | ..... | ..... | 4.09 |
| | | | Decatur..... | 2.41 | ..... | ..... | ..... | ..... |
| | | | Towns..... | 109.88 | ..... | ..... | 77.78 | 28.29 |
| | | | Villages..... | ..... | ..... | ..... | 5.00 | 2.63 |
| | | | Cities..... | ..... | ..... | ..... | 0.81 | 0.81 |
| | | | Totals..... | 109.88 | ..... | ..... | 5.81 | 81.22 |
|  |  |  |  |  | ..... | ..... | 28.66 | 5.81 |
| 5037 | 5 | 13 Richfield Springs—Schuyler Lake..... | Richfield..... | 3.26 | ..... | ..... | 3.50 | ..... |
| 5138 | 7 | 18 Oneonta—Colliers, Part 4..... | Exeter..... | 0.24 | ..... | ..... | ..... | ..... |
| | | | Milford..... | 1.36 | ..... | ..... | 1.36 | ..... |

* Included in State Route No. 7. † Included in State Route No. 7. Original contract 4.39 miles. Portion at R. R. omitted. ‡ 0.12 mile included in State Route No. 7. § 0.33 mile included in State Route No. 6. ¶ Included in State Route No. 6. Original plans 3.23 miles; 3.61 miles built as State Highway No. 5037. * Original contract forfeited May 31, 1916. † 0.40 mile included in State Route No. 5. ‡ Included in State Route No. 7. ¶ Final accounts never closed. § Exclusive of villages.

STATE HIGHWAYS

Route No. Section

OTSEGO COUNTY—Concluded

| STATE HIGHWAYS. High- way No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|--|----------------------|------------------|---|---------------|---------------------|-------------------|-------------------------------------|-------------------------|--|--|
| 5153 | 7 | 8, 9 | Wells Bridge—Otego..... | Unadilla..... | 0.23 | ..... | ..... | 4.61 | ..... | ..... |
| 5202 | { 7 Pet. V-1058 } | 2 | Unadilla Village..... | Unadilla..... | 3.07 | Otego, v..... | 1.31 | ..... | ..... | ..... |
| 5229 | 7 | 3 | Unadilla—Wells Bridge..... | Unadilla..... | 4.71 | ..... | 1.93 | 1.93 | ..... | ..... |
| 5240 } 5240-A } | 7 1 | 19 | Colliers—Maryland..... | Unadilla..... | 1.48 | ..... | ..... | 4.71 | ..... | ..... |
| 5247 * 5247-A | { 7 Pet. V-1056 } | 21, 22 24, 26 | Schenevus—Schoharie County Line..... | Unadilla..... | 4.20 | ..... | ..... | 5.68 | ..... | ..... |
| 5445 | 5 | 7, 8 | Millford—Cooperstown..... | Unadilla..... | 2.15 | Schenevus, v..... | 1.00 | 12.22 | ..... | ..... |
| 5455 * | 5 | 1 | Davenport Center—Oneonta..... | Unadilla..... | 9.07 | ..... | ..... | ..... | ..... | ..... |
| 5465 * | 23 | 1 | West Winfield—Bridgewater..... | Unadilla..... | 0.61 | Millford, v..... | 0.42 | 7.78 | ..... | ..... |
| 5624 | { 5 Pet. V-1210 } | 14, 15 | Richfield Springs Village: Church, Prospect and Bronner Streets..... | Unadilla..... | 4.56 | ..... | ..... | 2.50 | ..... | ..... |
| | | | | Unadilla..... | 2.19 | ..... | ..... | 1.53 | ..... | ..... |
| | | | | Unadilla..... | 2.42 | Oneonta, c..... | 0.08 | ..... | ..... | ..... |
| | | | | Unadilla..... | 1.53 | ..... | ..... | ..... | ..... | ..... |
| | | | | Unadilla..... | 0.38 | Richfield Sp., v. | 0.66 | 1.04 | ..... | ..... |
| | | | | Unadilla..... | 41.46 | ..... | ..... | 41.46 | ..... | ..... |
| | | | | Unadilla..... | 5.32 | ..... | ..... | 5.32 | ..... | ..... |
| | | | | Unadilla..... | 0.06 | ..... | ..... | 0.06 | ..... | ..... |
| | | | | Unadilla..... | 5.40 | ..... | ..... | 5.40 | ..... | ..... |
| | | | | Unadilla..... | 41.46 | ..... | ..... | 41.46 | ..... | ..... |

PUTNAM COUNTY

COUNTY HIGHWAYS

| Petition No. | Route No. | Section | Route No. | Section |
|------------------|-------------------------|--|--------------------|---------|
| 569 | 251..... | Baldwin Place—Mahopac..... | Carmel..... | 5.90 |
| 570 | 251..... | Carmel—Kent..... | { Carmel..... | 1.33 |
| 585* | 251..... | Towners Corners—County Line..... | { Kent..... | 3.69 |
| 798 | 251, 1801... | Kent—Towner..... | Patterson..... | 4.25 |
| 909 ⁴ | 1167, 2055.. | Brewster—Carmel..... | { Southeast..... | 2.82 |
| 909-A | | | { Brewster, v.... | 0.39 |
| 974 ⁷ | 1166..... | Putnam Valley—Tompkins Corners..... | Carmel..... | 1.54 |
| 1221 | 1163, 2536.. | Carmel—Mahopac..... | Putnam Valley..... | 6.42 |
| 1455 | 2956..... | Brewster—Connecticut State Line.. | Carmel..... | 2.55 |
| 1512 | 3697, 2535.. | Westchester County Line—Mahopac Falls—Mahopac Lake..... | Southeast..... | 3.41 |
| 1513 | 3637..... | Patterson—Dutchess County Line.. | Carmel..... | 3.33 |
| | | | Patterson..... | 1.61 |
| | | Towns..... | | 39.48 |
| | | Villages..... | | 34.54 |
| | | Cities..... | | 0.39 |
| | | Totals..... | | 39.48 |
| 5006 | 1 | 1 Croton Falls—Brewster..... | Southeast..... | 1.80 |
| 5098 | { 1 3 Pet. V-1044 | 3 Brewster Village..... | Southeast..... | 1.14 |
| | | | Brewster, v.... | 1.14 |
| | | | | 1.14 |
| | | | | 4.94 |

* Original contract cancelled. Re-let as No. 5240-A. † Total length 7.89 miles. Part in Delaware co.
 ‡ Total length 3.96 miles; 1.17 miles in Herkimer county and 1.26 miles in Oneida county.
 § Original contract 4.56 miles; 0.10 mile at grade crossing in town of Southeast cancelled and re-let as No. 909-A, under which 0.03 additional was rebuilt.
 ¶ Accepted by Commission but final payment awaiting court decision.
 • Exclusive of villages.

PUTNAM COUNTY — Concluded

STATE HIGHWAYS.

| Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-----------|---------|-----------------------------------|--------------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5147 ¹ | 2 | 1 | Peekskill—Fishkill, Part 1..... | Phillipstown..... | 1.74 | ..... | ..... | 1.74 | ..... | ..... |
| 5149 | 2 | 4, 5 | Peekskill—Fishkill, Part 4..... | Phillipstown..... | 4.17 | ..... | ..... | 4.17 | ..... | ..... |
| 5156 | 2 | 3 | Peekskill—Fishkill, Part 3..... | Phillipstown..... | 4.35 | ..... | ..... | 4.35 | ..... | ..... |
| 5203 | 1 | 4 | Brewster—Patterson..... | { Southeast. Patterson..... | 4.62 5.18 | ..... | ..... | 9.80 | ..... | ..... |
| 5387 | 2 | 2 | Fishkill—Peekskill, Part 2..... | Phillipstown... | 2.38 | ..... | ..... | 2.38 | ..... | ..... |
| 5438 | 1 | 2 | Croton Falls—Brewster, Part 2.... | Southeast.. | 1.64 | ..... | ..... | 1.64 | ..... | ..... |
| | | | | Towns..... | 25.88 | ..... | ..... | 25.88 | ..... | ..... |
| | | | | Villages..... | ..... | ..... | 1.14 | 1.14 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 25.88 | ..... | 1.14 | 27.02 | ..... | ..... |

RENSSELAER COUNTY

COUNTY HIGHWAYS

| | Petition No. | |
|-----------------|--------------|--|
| 10 ¹ | 48-A..... | Troy—Brunswick, Part 1..... Brunswick..... 0.48 |
| 11 | 49-A..... | Troy—Greenbush, Part 1..... { North Greenbush..... 0.63 Brunswick..... 3.05 |
| 25 ¹ | 48..... | Troy—Brunswick, Part 2..... North Greenbush... 2.59 |
| 28 | 49-A..... | Troy—Greenbush, Part 2..... North Greenbush... 2.59 |
| 54 | ..... | Hoags Corners..... Nassau..... 3.15 |
| 55 | ..... | ..... Troy, c..... 0.40 |
| | | 0.48 |
| | | 1.03 |
| | | 3.05 |
| | | 2.59 |
| | | 3.15 |

| | | | | | | | | |
|------------------|----------|---------------------------|----------------------|------|-------|-------|-------|-------|
| 77 | 136, 347 | Albia—Wynantkill | { Brunswick..... | 0.18 | ..... | ..... | 1.50 | ..... |
| 84* | 190 | Troy—Brunswick, Part 3 | { North Greenbush... | 1.32 | ..... | ..... | ..... | ..... |
| 102 | 50 | Barracks | Brunswick..... | 2.46 | ..... | ..... | 2.46 | ..... |
| 191* | 348-A | Sand Lake—Troy | { East Greenbush.... | 2.05 | ..... | ..... | 2.05 | ..... |
| | | | { Sand Lake..... | 1.47 | ..... | ..... | 1.49 | ..... |
| | | | { Poestenkill..... | 0.02 | ..... | ..... | ..... | ..... |
| 105 | 384 | Wynantkill—West Sand Lake | { Sand Lake..... | 1.16 | ..... | ..... | 4.01 | ..... |
| | | | { Poestenkill..... | 0.64 | ..... | ..... | ..... | ..... |
| | | | { North Greenbush... | 2.21 | ..... | ..... | ..... | ..... |
| 196 | 203 | East Nassau | Nassau..... | 3.02 | ..... | ..... | 3.02 | ..... |
| 197* | 377 | Brick Church—Rock Hollow | Brunswick..... | 3.33 | ..... | ..... | 3.33 | ..... |
| 200 | 291 | Old Northern Turnpike | Hoosick..... | 2.75 | ..... | ..... | 2.75 | ..... |
| 201 | 347 | Troy—Poestenkill | { North Greenbush... | 0.75 | ..... | ..... | 3.60 | ..... |
| | | | { Poestenkill..... | 2.85 | ..... | ..... | ..... | ..... |
| | | | { East Greenbush.... | 4.04 | ..... | ..... | 5.42 | ..... |
| 202* | 308, 309 | Boston—Albany | { Schodack..... | 1.38 | ..... | ..... | ..... | ..... |
| 227* | 307 | Brunswick Turnpike | Brunswick..... | 3.10 | ..... | ..... | 3.10 | ..... |
| 284 | 513 | Averill Park—Crooked Lake | Sand Lake..... | 3.61 | ..... | ..... | 3.61 | ..... |
| 285 ⁷ | 514 | Nassau—Brainard | Nassau..... | 3.62 | ..... | ..... | 3.62 | ..... |
| 287 | 386 | Rensselaer—Best | { North Greenbush... | 1.35 | ..... | ..... | 4.75 | ..... |
| | | | { East Greenbush.... | 3.40 | ..... | ..... | ..... | ..... |
| 288 | 407 | Troy—Sand Lake, Part 2 | { Poestenkill..... | 3.40 | ..... | ..... | 3.72 | ..... |
| | | | { North Greenbush... | 0.32 | ..... | ..... | ..... | ..... |
| 439* | 1004 | East Nassau—Brainard | Nassau..... | 3.78 | ..... | ..... | 3.78 | ..... |

¹ Total length 3.63 miles. Part in Westchester county.

² Original length 1.00 mile; 0.52 mile reconstructed as No. 5393.

³ Included in State Route No. 22.

⁴ 1.73 miles included in State Route No. 42.

⁵ Included in State Route No. 1.

⁶ 0.19 mile included in State Route No. 42.

⁷ Original contract 3.54 miles. 0.08 mile additional built by special agreement. Included in State Route No. 21.

⁸ 2.06 miles included in State Route No. 21.

⁹ 0.04 mile included in State Route No. 21.

* Exclusive of villages.

Included in State Route No. 21.

RENSSELAER COUNTY — Continued

| COUNTY HIGHWAYS | Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-------------|--------------|--|---------------------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 477 | | 405 | Valley Falls—Tomhannock | Pittstown | 2.30 | | | | | |
| | | | Valley Falls—Johnsonville | Pittstown | 2.52 | | | 6.43 | | |
| | | | Valley Falls—Schaghticoke | Schaghticoke | 0.84 | | | | | |
| | | | Schaghticoke—Johnsonville, Pt. 1. | Schaghticoke | 0.77 | | | | | |
| 478 ¹ | | 406, 673 | Haynesville—Raymertown | Brunswick | 1.64 | | | 3.21 | | |
| | | | | Pittstown | 1.57 | | | | | |
| 490 ¹ | | 402, 671 | Hoosick—North Hoosick | Hoosick | 6.35 | | | 6.35 | | |
| 504 | | 982-C | Troy—Speigletown | Schaghticoke | 1.69 | | | 1.69 | | |
| 536 ² | | 1184 | Schodack Center—Nassau | Schodack | 5.19 | | | 5.19 | | |
| 571 | | 672 | Spring Avenue: Troy—Poestenkill | Brunswick | 2.44 | | | 2.61 | | |
| | | | | North Greenbush | 0.17 | | | | | |
| 583 | | 385 | Couse—Luther | East Greenbush | 3.40 | | | 3.40 | | |
| 594 ² | | 189, 716 | Rensselaer—DeFreestville | East Greenbush | | | | | | |
| 631 ⁴ | | 512 | Eagle Mills—Clums Corners | Brunswick | 2.25 | | | 2.25 | | |
| 659 | | 404 | Brunswick Center—Lansingburgh | Brunswick | 5.07 | | | 5.07 | | |
| 679 | | 159 | W. Stepiantown—Stephentown Ctr. | Stephentown | 4.14 | | | 4.14 | | |
| 680 | | 159 | Stephentown Center—Massachusetts | Stephentown | 3.92 | | | 3.92 | | |
| 765 | | 1887, 1888 | Wyantakill — DeFreestville — Winter Street | North Greenbush | 4.10 | | | 4.10 | | |
| | | | | Nassau | | Nassau, v. | 0.29 | 0.29 | | |
| 949 | | V-123 | Nassau Village | Schaghticoke | 2.55 | | | 2.55 | | |
| 980 | | 2973 | Speigletown—Melrose | East Greenbush | 3.14 | | | 3.14 | | |
| 981 | | 189 | DeFreestville—Couse | Troy City: Pawling Avenue | | Troy, c. | 0.51 | 0.51 | | |
| 981-A | | | | Troy City: Oil Mill Hill | | Troy, c. | 1.58 | 1.58 | | |
| 1049 | | V-205, 3163 | | | | | | | | |
| 1050 | | V-208-207 | | | | | | | | |

| | | | | | | | | | |
|--------|----------------------------------|---|--------|-------|-------|-------|-------|-------|-------|
| 1115 | * 2719, 3384, | Castleton—Rensselaer, Part 2..... | 2.74 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1115-A | 85..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1116 | 7 670, 1183, | Castleton—Rensselaer, Part 1..... | 3.35 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1116-A | 2854..... | Schoodack..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1119 | * 3164, V-280, | Troy City: Spring Avenue..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1119-A | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1120 | 3235, V-233, | Troy City: Winter Street..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1121 | 3162, V-215, | Rensselaer City: Washington Ave..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1122 | 2169..... | West Stephentown—Alps..... | 2.70 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1123 | { V-233, 3230, 3232, 3234.. } | Troy City—Leveress Road..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1154 | 2290, 2385.. | Spring Av., Troy—Poestenkill Pt. 2. | 0.34 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1194 | V-214, 3160. | Rensselaer City: High Street..... | 0.04 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1421 | 3465, 3466.. | Center Berlin—Peteraburg..... | 0.88 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1422 | 3586, V..... | Castleton—East Schoodack, Part 1.. | 4.74 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1423 | { 3579, 2394, 2803, 2972.. } | Speigletown—Tomhannock Reserv't | 2.46 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1424 | { 3463, 3466, 2896..... } | Stone Schoolhouse—North Peters- burg—Vermont State Line..... | 4.14 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1425 | 2963..... | Melrose—Schaghticoke Hill..... | 1.43 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1426 | 2974..... | Whitehouse B'dge—Vermont State L. | 4.91 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Hoosick..... | 1.73 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Schaghticoke..... | 3.22 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Schoodack..... | 2.97 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Hoosick..... | 3.80 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Town..... | 155.61 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Villages..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | Totals..... | 155.61 | ..... | ..... | ..... | ..... | ..... | ..... |

* Included in State Route No. 22.

† 23 miles included in State Route No. 1.

‡ Included in State Route No. 21. Original plans 2.73 miles; 0.67 mile built

as No. 5190 and 2.06 miles as No. 5535.

§ Included in State Route No. 40.

|| Original contract cancelled. Re-let as No. 981-A.

¶ 17 miles cancelled. Items combined with No. 1116-A and re-let as No. 1115-A.

• 10.77 mile cancelled. Items combined with No. 1115-A and re-let as No. 1116-A.

• Original contract cancelled. Re-let as No. 1119-A.

• Exclusive of villages.

RENSSELAER COUNTY — Concluded

| STATE HIGHWAYS | Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|----------------|-------------|-----------|---------|------------------------------------|---------------------------|---------------|-------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5029 | 1 | 3 | | Schoadack Center—Valatie, Part 2.. | Schoadack. | 2.78 | | | 2.78 | ..... | ..... |
| 5040 | 22 | 9 | | Hoosick Falls Village..... | Hoosick | ..... | Hoosick Falls, v. | 1.53 | 1.53 | ..... | ..... |
| 5084 | 1 | 1, 2 | | Schoadack Center—Valatie, Part 3.. | Schoadack. | 2.90 | | | 2.90 | ..... | ..... |
| 5107 | 1 | 7 | | Rensselaer City: Columbia Street.. |  | ..... | Rensselaer, c... | 0.39 | 0.39 | ..... | ..... |
| 5108 | 21 | 14 | | Brainard Station..... | { Nassau..... | 0.05 | | | 0.40 | ..... | ..... |
| 5163 | 21 | 11 | | Nassau Village..... | { Stephentown..... | 0.35 | | | 0.41 | ..... | ..... |
| 5196 | 21 | 3 | | DeFreestville—South..... | { North Greenbush... 0.47 | | | | 0.67 | ..... | ..... |
| 5222 | 42 | 5 | | Cropseyville—Grafton..... | { East Greenbush... 0.20 | | | | 5.93 | ..... | ..... |
| 5278 | 21 | 5, 6 | | West Sand Lake—Averill Park..... | { Brunswick..... 1.46 | | | | 3.66 | ..... | ..... |
| 5278-A | 42 | 1 | | Troy City: Brunswick Turnpike.... | { Grafton..... 4.47 | | | | 0.95 | ..... | ..... |
| 5310 | 22 | 6, 7 | | Raymertown—Hoosick, Part 2..... | Sand Lake..... | 3.66 | Troy, c..... | 0.95 | 0.95 | ..... | ..... |
| 5354 | 22 | 1 | | Troy City: Hoosick Street..... | Hoosick | 5.11 | | | 5.11 | ..... | ..... |
| 5393 | 22 | 1 | | Troy City: Hoosick Street..... |  | ..... | Troy, c..... | 0.52 | 0.52 | ..... | ..... |
| 5478 | 42 | 6 | | Grafton—Petersburg..... | { Grafton..... 3.12 | | | | 6.34 | ..... | ..... |
| 5479 | 22 | 5 | | Raymertown—Hoosick, Part 1..... | { Petersburgh..... 3.22 | | | | 6.18 | ..... | ..... |
| 5533 | 21 | 1, 2 | | Rensselaer—Defreestville..... | { Pittstown..... 6.18 | | | | 2.11 | ..... | ..... |
| | | | | | { East Greenbush... 2.01 | | Rensselaer, c... | 0.10 | 0.10 | ..... | ..... |

| | | | | | |
|---------------|-------|-------|-------|-------|-------|
| Towns..... | 35.98 | ..... | ..... | 35.98 | ..... |
| Villages..... | ..... | ..... | 1.94 | 1.94 | ..... |
| Cities..... | ..... | ..... | 1.96 | 1.96 | ..... |
| Totals..... | 35.98 | ..... | 3.90 | 39.88 | ..... |

ROCKLAND COUNTY

COUNTY HIGHWAYS

| Petition No. | | | | | | | | | |
|------------------|-------------|------------------------------------|------------------|-------|-----------------|-------|-------|-------|-------|
| 90 | 22..... | Grassy Point..... | Stony Point..... | 2.83 | ..... | ..... | ..... | 2.83 | ..... |
| 91 ^a | 23-A..... | Nyack Turnpike..... | Ramapo..... | 3.90 | ..... | ..... | ..... | 3.90 | ..... |
| 593 ^a | 1764..... | Highland Lake—Tompkins Cove... | Stony Point..... | 5.82 | ..... | ..... | ..... | 5.82 | ..... |
| 689 ^a | 24, 1765... | Spring Valley—Knappe Corners... | Clarkstown..... | 3.53 | ..... | ..... | ..... | 3.53 | ..... |
| 690 | 1768..... | Monsey—Egypt Corners..... | Ramapo..... | 4.25 | ..... | ..... | ..... | 4.25 | ..... |
| 728 ^a | 1769..... | State Line—Orangeburg..... | Orangetown..... | 2.82 | ..... | ..... | ..... | 2.82 | ..... |
| 928 ^a | 2682..... | Knappe Corners—Nyack..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1019 | 1767..... | Spring Valley—Mount Ivy..... | Ramapo..... | 4.47 | ..... | ..... | ..... | 4.47 | ..... |
| 1295 | 3538..... | Nyack—Rockland Lake..... | Orangetown..... | ..... | Nyack, v..... | 0.56 | ..... | 2.96 | ..... |
| 1448 | 3723..... | Suffern—Mount Ivy..... | Clarkstown..... | 1.46 | Upper Nyack, v. | 0.94 | ..... | ..... | ..... |
| 1502 | 3737..... | Short Clove..... | Ramapo..... | 7.61 | Suffern, v..... | 0.98 | ..... | 8.59 | ..... |
| 1514 | 3768..... | West Haverstraw—Stony Point, Pt. 2 | Haverstraw..... | 0.24 | ..... | ..... | ..... | 0.24 | ..... |
| | | | Stony Point..... | 0.42 | ..... | ..... | ..... | ..... | 0.42 |
| | | | Towns..... | 37.35 | ..... | ..... | ..... | 36.93 | 0.42 |
| | | | Villages..... | ..... | ..... | 2.48 | ..... | 2.48 | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 37.35 | ..... | 2.48 | ..... | 39.41 | 0.42 |

^a Original contract cancelled. Re-let as No. 5278-A.^a Included in State Route No. 39-B.^a Included in State Route No. 3.^a 40.08 mile included in State Route No. 3.^a Built as State Highway No. 5178.^a Included in State Route No. 39-B.^a Original plans 3.57 miles.^a Included and included in No. 5804.^a Exclusive of villages.

ROCKLAND COUNTY—Concluded

| STATE HIGHWAYS. | Highway No. | Route No. | Sec-tion | Name of highway | Town | *Miles in town | City or village | Miles in city or vil-lage | Miles com-pleted | Miles under con-struc-tion | Miles ap-proved and awaiting contract |
|-------------------|-------------|-----------|----------|-------------------------------------|---------------|----------------|-------------------|---------------------------|------------------|----------------------------|---------------------------------------|
| 5002 | 3 | 5 | | Congers—Long Clove. | Clarkstown. | 1.61 | | | 1.61 | | |
| 5165 | 3 | 6 | | Long Clove—Haverstraw. | { Haverstraw. | | Haverstraw, v. | 1.94 | 2.16 | | |
| 5178 | 39-B | 2 | | Knapps Corners—Nyack. | Clarkstown. | 0.22 | | | | | |
| 5388 ¹ | 30-B | 6 | | Suffern Village; Hilburn Village. | Clarkstown. | 2.20 | | | 2.20 | | |
| 5389 | 3 | 7 | | Haverstraw—West Haverstraw. | { Ramapo. | | Suffern, v. | 1.10 | 2.15 | | |
| 5428 ¹ | 39-B | 4 | | Spring Valley Village. | { Ramapo. | | Hilburn, v. | 1.05 | | | |
| 5504 ² | 39-B | 3 | | Dykes Crossing. | { Haverstraw. | | Haverstraw, v. | 0.95 | 1.56 | | |
| 5512 | 3 | 1, 3 | | New Jersey State L.—Nyack, Pt. 1, 3 | { Haverstraw. | | W. Haverstraw. | 0.61 | 1.00 | | |
| | | | | | Ramapo. | 0.39 | Spring Valley, v. | 1.00 | 0.39 | | |
| | | | | | Clarkstown. | 2.39 | Piermont, v. | 1.36 | | | 3.75 |
| | | | | | Towns. | 6.81 | | | 6.81 | | |
| | | | | | Villages. | | | 8.01 | 4.26 | | 3.75 |
| | | | | | Cities. | | | | | | |
| | | | | | Totals. | 6.81 | | 8.01 | 11.07 | | 3.75 |
| SPECIAL HIGHWAYS. | | | | | | | | | | | |
| 9000 | | | | Spring Valley—Suffern. | Ramapo. | 4.31 | | | 4.31 | | |
| 9005 | | | | Coyles Corners—Short Clove. | Clarkstown. | 7.30 | | | 7.30 | | |
| 9006 | | | | Pearl River—Nanuet. | { Orangetown. | 2.50 | | | 3.75 | | |
| | | | | | Clarkstown. | 1.25 | | | | | |
| | | | | | Towns. | 15.36 | | | 15.36 | | |

ST. LAWRENCE COUNTY

COUNTY HIGHWAYS.

| Petition No. | | | | | |
|------------------|----------------|--------------------------------------|------------------|-------|-------|
| 821 ^a | 975, 1091... | Massena—Waddington, Pts. 1—4... | Louisville..... | 8.01 | ..... |
| | | | Massena..... | 0.61 | ..... |
| 732 | 1068, 1073.. | Ogdensburg—Canton, Part 1..... | Oswegatchie..... | 4.17 | ..... |
| | | | Lisbon..... | 4.62 | ..... |
| 733 | 1083, 1088.. | Ogdensburg—Canton, Part 2..... | Lisbon..... | 2.69 | ..... |
| | | | Canton..... | 5.32 | ..... |
| 734 | 1053, 1055.. | Potsdam—Parishville, Part 1..... | Potsdam..... | 2.08 | ..... |
| | | | Parishville..... | 3.03 | ..... |
| 735 | 1056, '88, '99 | Potsdam—Colton..... | Colton..... | 1.13 | ..... |
| | | | Pierrepont..... | 5.04 | ..... |
| | | | Potsdam..... | 1.65 | ..... |
| 875 | 1112..... | Elmdale—Gouverneur..... | Gouverneur..... | 5.71 | ..... |
| 876 | 1113..... | Brasie Corners—Elmdale..... | Macomb..... | 3.79 | ..... |
| 878 | 1071..... | Ogdensburg—Morristown, Part 1... | Oswegatchie..... | 6.73 | ..... |
| 966 | 1095..... | Madrid—Waddington, Part 2..... | Waddington..... | 4.05 | ..... |
| 967 | 74..... | Norwood—Norfolk..... | Norfolk..... | 3.35 | ..... |
| 968 | 1075, 2992.. | Ogdensburg—Morristown, Part 2... | Morristown, v.. | 2.57 | ..... |
| 969 | 1076..... | Morristown—Hammond, Part 1.... | Morristown..... | 6.52 | ..... |
| 970 | 1077..... | Morristown—Hammond, Part 2.... | Hammond..... | 9.33 | ..... |
| 970-A | | | Hammond, v.. | 0.93 | ..... |
| 1031 | 1053..... | Potsdam—Parishville, Part 2..... | Parishville..... | 4.00 | ..... |
| 1032 | 1059, 3176.. | Potsdam—Norwood..... | Potsdam..... | 3.82 | ..... |
| | | | Norfolk..... | ..... | ..... |
| 1033 | V-173..... | Ogdensburg City: Canton & State Sta. | Ogdensburg, c.. | 1.00 | ..... |

^a Original contract forfeited.^b Grade crossing elimination.^c 0.60 mile included in State Route No. 32.^d Original contract 10.26 miles; 3.89 miles cancelled and re-let as No. 970-A.^e Exclusive of villages.

ST. LAWRENCE COUNTY — Continued

| Highway No. | County Highways | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------|---|--------------|---------------------------------------|------------------|---------------|--------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1108 | V-197..... | | Potsdam Village..... | Potsdam..... | ..... | Potsdam, v..... | 2.19 | 2.19 | ..... | ..... |
| 1125 | V-248, 3405. | | Waddington Village..... | Waddington..... | ..... | Waddington, v..... | 1.24 | 1.24 | ..... | ..... |
| 1126 | 2852..... | | Canton—Pierrepont..... | Canton..... | 5.47 | ..... | ..... | 7.89 | ..... | ..... |
| 1168 | 1103, 1104.. | | Hermion—Russell..... | Pierrepont..... | 2.42 | ..... | ..... | ..... | ..... | ..... |
| 1261 | { 3578, 1092, V-322 } | | Massena—Helena, Part 1..... | Hermion..... | 0.88 | Hermion, v..... | 0.90 | 6.43 | ..... | ..... |
| 1262 | { 1096, 1097.. | | Madrid—Waddington, Part 1..... | Russell..... | 4.65 | ..... | ..... | 5.66 | ..... | ..... |
| 1263 | { 3576, 3577, V-333, 1110, 1111 } | | Gouverneur—Edwards, Part 1..... | Massena..... | 5.14 | Massena, v..... | 0.52 | 5.07 | ..... | ..... |
| 1264 | 1114..... | | Brasie Corners—Edwardville..... | Madrid..... | 5.07 | ..... | ..... | ..... | ..... | ..... |
| 1265 | { 1092, 1093, 3575 } | | Massena—Helena, Part 2..... | Gouverneur..... | 1.07 | Gouverneur, v..... | 1.38 | 10.85 | ..... | ..... |
| 1266 | 1105..... | | De Kalb Junction—Hermion..... | Fowler..... | 8.40 | ..... | ..... | 9.03 | ..... | ..... |
| 1267 | 3636..... | | Canton Village: West Main Street..... | Massena..... | 2.86 | ..... | ..... | 5.48 | ..... | ..... |
| 1268 | 1074, 1072.. | | De Peyster—Ogdensburg..... | Brasher..... | 2.62 | ..... | ..... | 3.09 | ..... | ..... |
| 1269 | 3576..... | | Gouverneur—Edwards, Part 2..... | De Kalb..... | 3.09 | ..... | ..... | 0.43 | ..... | ..... |
| | | | | Canton..... | ..... | Canton, v..... | 0.43 | ..... | ..... | ..... |
| | | | | De Peyster..... | 3.70 | ..... | ..... | 11.16 | ..... | ..... |
| | | | | Oswegatchie..... | 6.53 | Heuvelton, v..... | 0.93 | ..... | ..... | ..... |
| | | | | Edwards..... | 4.60 | ..... | ..... | 4.60 | ..... | ..... |
| | | | | Towns..... | 153.75 | ..... | ..... | 138.92 | 14.83 | ..... |
| | | | | Villages..... | ..... | ..... | 11.56 | 10.63 | 0.93 | ..... |
| | | | | Cities..... | ..... | ..... | 1.00 | 1.00 | ..... | ..... |
| | | | | Totals..... | 153.75 | ..... | 12.56 | 150.55 | 15.76 | ..... |

| STATE HIGHWAYS | | Section No. | Route | Section | Distance | Rate |
|----------------|-------------|-------------|--------------------------------|----------------|----------|-------|
| 5032 | 30 | 9 | Canton—Potsdam, Part 2. | Potsdam | 5.07 | 5.00 |
| 5111 | 30 | 10 | Canton—Potsdam, Part 1. | Potsdam | 1.02 | 4.74 |
| 5116 | 30 | 11 | Canton—DeKalb | Canton | 2.90 | 0.82 |
| 5283 | 30 | 12 | Gouverneur—DeKalb | Canton | 4.83 | 0.57 |
| 5284 | 30 | 1-3 | Nicholville—Moir | Gouverneur | 4.63 | 1.06 |
| 5285 | 30 | 4-7 | Potsdam—Nicholville | DeKalb | 11.55 | 18.94 |
| 5287 | 30 | 14 | County Line—Gouverneur | Canton | 1.70 | 8.25 |
| 5288 | Pet. V-1071 | | Ogdensburg City | Lawrence | 8.25 | |
| 5508 | { 30 8 | | Potsdam Village | Potsdam | 2.40 | |
| 5331 | { 30 13 | | Gouverneur Village | Parishville | 1.37 | |
| 5439 | { 32 1 | | North Lawrence—Lawrenceville | Stockholm | 4.64 | |
| 5467 | { 32 7 | | Massena Village | Hopkinton | 6.50 | |
| 5497 | { 32 17, 18 | | Ogdensburg—Waddington, Part 1. | Rosie | 1.49 | |
| | | | | Gouverneur | 4.50 | |
| | | | | Ogdensburg, c. | 4.57 | |
| | | | | Potsdam | 0.28 | |
| | | | | Gouverneur | 1.76 | |
| | | | | Lawrence | 3.64 | |
| | | | | Massena | 1.85 | |
| | | | | Lisbon | 9.79 | |

Items for Nos. 5115 and 5116 combined and awarded as one contract.

Total length 11.59 miles. Part in Franklin county.

* Exclusive of villages.

ST. LAWRENCE COUNTY — Concluded

| High- way No. | Route No. | Sec- tion | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|-----------------------------|--------------|--------------|--------------------------------------|-------------------|----------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 5509 | 32 | 2 | Winthrop—North Lawrence | { Stockholm..... | 0.40 | ..... | ..... | 5.81 | ..... | ..... |
| | | | | { Brasher..... | 1.00 | ..... | ..... | ..... | ..... | ..... |
| 5535 | 32 | 15, 16 | Ogdensburg—Waddington, Part 2.. | { Lawrence..... | 4.41 | ..... | ..... | 6.65 | ..... | ..... |
| | | | | { Waddington..... | 5.65 | Waddington, v. | 1.00 | ..... | ..... | ..... |
| 5536 | 32 | 9-11 | Waddington—Massena, Part 2..... | { Louisville..... | 7.30 | ..... | ..... | 8.35 | ..... | ..... |
| | | | | { Massena..... | 1.05 | ..... | ..... | ..... | ..... | ..... |
| 5612 | 32 | 12-14 | Waddington—Massena, Part 1..... | { Waddington..... | 3.40 | Waddington, v. | 1.09 | ..... | 9.12 | ..... |
| | | | | { Louisville..... | 4.63 | ..... | ..... | ..... | ..... | ..... |
| FEDERAL AID HIGHWAYS | | | | | | | | | | |
| 8004 | .... | .... | Nicholville—St. Regis Falls, Part 1. | Towns..... | 102.36 | ..... | ..... | 94.33 | 8.03 | ..... |
| | | | | Villages.... | .... | ..... | 10.40 | 9.31 | 1.09 | ..... |
| | | | | Cities..... | .... | ..... | 4.57 | 4.57 | ..... | ..... |
| | | | | Totals..... | 102.36 | ..... | 14.97 | 108.21 | 9.12 | ..... |
| | | | | Hopkinton..... | 3.48 | ..... | ..... | ..... | ..... | 3.48 |
| | | | | Towns..... | 3.48 | ..... | ..... | ..... | ..... | 3.48 |

SARATOGA COUNTY

COUNTY HIGHWAYS
Petition No.

| | | | | | | | | | | |
|-----------------|----------|-----------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 12 ¹ | ..... | Waterford..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 39 ² | 77..... | Waterford—Mechanicville, Part 1.. | Waterford..... | 1.51 | ..... | ..... | ..... | 1.51 | ..... | ..... |
| 53 | 68..... | Glens Falls—Saratoga, Part 1..... | Moreau..... | 6.06 | ..... | ..... | ..... | 6.06 | ..... | ..... |
| 59 | 78..... | Waterford—Mechanicville, Part 2.. | Half Moon..... | 5.03 | ..... | ..... | ..... | 5.03 | ..... | ..... |
| 240 | 242..... | Waterford—Cohoes..... | Waterford..... | 1.00 | ..... | ..... | ..... | 1.00 | ..... | ..... |

| | | | | | | | |
|------------------|------------------------------------|--|---|------------------------|----------------------------|--------------------------|---------------------------|
| 241 ¹ | 284..... | Saratoga—Ballston..... | { Saratoga Springs... Milton..... | 3.67 0.69 | ..... | 4.36 | ..... |
| 242 | 146..... | Saratoga—Glens Falls, Part 2..... | Wilton..... | 1.25 | ..... | 1.25 | ..... |
| 243 | 76..... | Mechanicville—Stillwater..... | Stillwater..... | 1.84 | ..... | 1.84 | ..... |
| 244 ⁴ | 285..... | Saratoga—Schuylerville..... | Saratoga..... | 6.01 | ..... | 6.01 | ..... |
| 340 | 145..... | Saratoga—Corinth..... | Greenfield..... | 7.25 | ..... | 7.25 | ..... |
| 441 | 565..... | Saratoga—Glens Falls, Parts 4 and 5 { | Wilton..... | 6.00 | ..... | 8.32 | ..... |
| 442 | 553..... | Saratoga—Cansevoort, Part 1..... | Moreau..... | 2.32 | ..... | 6.14 | ..... |
| 443 ⁵ | { 554..... 558..... 559..... | { Saratoga—Greenfield..... Saratoga—Schuylerville, Part 2..... Saratoga—Glens Falls, Part 3..... | { Saratoga Springs... Saratoga Springs... Greenfield..... | { 1.78 3.76 0.72 | { | { 6.26 | { |
| 610 | 557, 633..... | Mechanicville—Malta..... | { Stillwater..... Malta..... | { 3.59 | { Mechanicville.. | { 7.41 0.15 | { |
| 611 | 560, 633..... | Malta—Saratoga..... | { Malta..... Malta..... | { 3.67 4.38 | { | { 6.64 | { |
| 741 | 508, 2125... | Saratoga—Corinth, Part 2..... | Saratoga Springs... | 2.26 | ..... | ..... | ..... |
| 815 | { 820, 1160, V-67..... | { Corinth—Hadley..... Corinth—Hadley..... | { Corinth..... Corinth, v..... | { 4.06 2.41 | { 0.80 | { 6.23 | { |
| 816 ⁶ | 825..... | Galway—West Galway..... | Hadley..... | 3.02 | ..... | ..... | ..... |
| 817 | 817..... | Scotch Church—Blue Corners..... | Galway..... | ..... | ..... | ..... | ..... |
| 818 ⁷ | 2257..... | Ballston Town Line—Scotch Church | Charlton..... | 3.57 | ..... | 3.57 | ..... |
| | | | Charlton..... | 0.92 | ..... | ..... | 0.92 |

¹ Plans never approved by the Board of Supervisors. This number is therefore void.

² Original plans 1.78 miles; 0.27 mile omitted and built as No. 842.

³ Included in State Route No. 25.

⁴ 5.29 miles included in State Route No. 25.

⁵ 3.70 miles (Pet. 558) included in State Route No. 25.

⁶ Board of Supervisors rescinded approval Feb. 14, 1918.

⁷ Original plans 5.23 miles. 4.31 miles included in State Route No. 37-A and built as No. 5542.
* Exclusive of villages.

SARATOGA COUNTY — Concluded

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|---------------------------------|--|--|------------------|--------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 819 ¹ | 820, 1160... | Ballston—Charlton Town Line..... | { Milton..... Ballston..... } | 1.88 | ..... | ..... | ..... | ..... | 1.88 |
| 842 | 77..... | Waterford—Mechanicville, Part 1.. | Waterford..... | 0.27 | ..... | ..... | 0.27 | ..... | ..... |
| 941 ³ | V-112..... | Mechanicville Village..... | Stillwater..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1117 | 2118, 2452.. | Rexford Flats—Wait Corners— Groom Corners..... | Clifton Park..... | 6.10 | ..... | ..... | ..... | 6.10 | ..... |
| 1143 | V-156..... | Saratoga Springs Village: South Broadway and Maple Avenue.... | ..... | ..... | Saratoga Sp., c. | 1.30 | 1.30 | ..... | ..... |
| 1193 | 3421..... | Round Lake—Maltaville..... | Malta..... | 1.16 | ..... | ..... | 1.16 | ..... | ..... |
| 1345 | 3606..... | Mechanicville—Clifton Park..... | Half Moon..... | 5.74 | ..... | ..... | ..... | 5.74 | ..... |
| 1460 | { 1320, 1517, 562, 3729... } | Gansevoort—South Glens Falls.... | { Northumberland... Moreau..... } | { 1.08 5.52 } | S. Glens Falls, v. | 0.14 | ..... | 6.74 | ..... |
| 1461 | { 556, 563, 3408..... } | Schuylerville—Gansevoort..... | { Saratoga..... Northumberland... } | { 0.44 8.62 } | ..... | ..... | ..... | ..... | 9.06 |
| | | Towns..... | 113.72 | ..... | ..... | ..... | 83.42 | 18.44 | 11.86 |
| | | Villages..... | ..... | ..... | ..... | 0.94 | 0.80 | 0.14 | ..... |
| | | Cities..... | ..... | ..... | ..... | 1.45 | 1.45 | ..... | ..... |
| | | Totals..... | 113.72 | ..... | ..... | 2.39 | 85.67 | 18.58 | 11.86 |

| STATE HIGHWAYS | Route No. | Section | | | | | | | | | | |
|-------------------|-------------|---------|---------------------------------------|---|-------------------|-------|-------|-------------------|-------|-------|-------|-------|
| | | | | | | | | | | | | |
| 5062 ¹ | 25 | 13 | Ballston-Ballston Lake, Part 1.... | { | Milton..... | ..... | ..... | Ballston Spa, v. | 0.77 | 2.90 | ..... | ..... |
| | | | | | Ballston..... | ..... | 1.69 | Ballston Spa, v. | 0.44 | ..... | ..... | ..... |
| 5085 | 25 | 14 | Ballston-Ballston Lake, Part 2.... | | Ballston..... | ..... | 4.51 | ..... | ..... | 4.51 | ..... | ..... |
| 5205 | 43 | 2 | Stillwater-Schuylerville, Part 1.... | | Stillwater..... | ..... | 5.38 | ..... | ..... | 5.38 | ..... | ..... |
| 5230 | 43 | 3 | Stillwater-Schuylerville, Part 2.... | | Saratoga..... | ..... | 6.41 | Victory Mills, v. | 1.11 | 7.52 | ..... | ..... |
| 5277 | { | 43 | Schuylerville Village..... | | Saratoga..... | ..... | ..... | Schuylerville, v. | 1.03 | 1.03 | ..... | ..... |
| | Pet. V-1123 | 39 | 1 Ballston Lake-High Mills..... | | Ballston..... | ..... | 1.77 | ..... | ..... | 1.77 | ..... | ..... |
| 5281 | { | 43 | Stillwater Village..... | | Stillwater..... | ..... | ..... | Stillwater, v.... | 1.30 | 1.30 | ..... | ..... |
| 5313 | Pet. V-1133 |  |  |  |  | ..... | ..... |  |  |  |  |  |
| 5519 ⁴ | 37-B | 1, 2 | Malta-Ballston Spa..... | { | Malta..... | ..... | 1.98 | ..... | ..... | 3.88 | ..... | ..... |
| | | | | | Ballston..... | ..... | 1.90 | ..... | ..... | ..... | ..... | ..... |
| 5534 | 37-A | 2 | Ballston Spa-Scotch Church, Pt. 1 | { | Milton..... | ..... | 1.55 | ..... | ..... | ..... | ..... | ..... |
| | | | | | Ballston..... | ..... | 2.46 | Ballston Spa, v. | 0.33 | 4.98 | ..... | ..... |
| 5542 ⁵ | 37-A | 3 | Ballston Spa-Scotch Church, Pt. 2 | { | Charlton..... | ..... | 0.64 | ..... | ..... | ..... | ..... | ..... |
| | | | | | Charlton..... | ..... | 4.51 | ..... | ..... | 4.51 | ..... | ..... |
| 5592 | 37-A | 1 | Ballston Spa Village: High Street.... | { | Milton..... | ..... | ..... | Ballston Spa, v. | 0.12 | ..... | ..... | 0.24 |
| | | | | | Ballston..... | ..... | ..... | Ballston Spa, v. | 0.12 | ..... | ..... | ..... |
| 5598 | { | 25 | South Glens Falls Village: Saratoga | | Moreau..... | ..... | ..... | So. Glens Falls. | 1.10 | 1.10 | ..... | ..... |
| | Pet. V-1200 | 2 | Avenue and Main Street..... |  |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5639 ⁶ | 25 | 16, 17 | Ballston Lake-Crescent, Part 2.... | { | Clifton Park..... | ..... | 2.66 | ..... | ..... | ..... | ..... | 6.37 |
| | | | | | Half Moon..... | ..... | 3.71 | ..... | ..... | ..... | ..... | ..... |
| | | | | | Towns..... | ..... | 39.17 | ..... | ..... | 32.80 | ..... | 6.37 |
| | | | | | Villages.... | ..... | ..... | ..... | 6.32 | 6.08 | ..... | 0.24 |
| | | | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | Totals..... | ..... | 39.17 | ..... | 6.32 | 38.88 | ..... | 6.61 |

¹ Original plans 4.05 miles. 3.07 miles included in State Route No. 37-A and built as No. 5534. 1.33 miles of balance not on approved system.

² Final resolution rescinded with the approval of the Commission.

³ Original contract for 2.75 miles omitted 0.19 mile partly at grade crossing. 0.16 mile was built under supplemental agreement.

⁴ Original contract forfeited July 3, 1916, 0.17 mi. omitted from original contract, built by R. R. and maintained by State.

⁵ Original contract mileage 4.56, reduced through change of alignment.

⁶ Not yet approved by Commission. * Exclusive of villages.

SCHENECTADY COUNTY

| COUNTY HIGHWAYS | Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles approved and awaiting construction |
|-------------------|-------------------------|--------------|-------------------------------------|--------------------------|----------------|-----------------|--------------------------|-----------------|--|
| 1 | 6, 55 | ..... | Troy—Schenectady, Part 1 | { Niskayuna | 1.40 | Schenectady, c. | 0.60 | 2.00 | ..... |
| 70 ² | 58 | ..... | Crane Street | ..... | ..... | ..... | ..... | ..... | ..... |
| 73 ³ | 89 | ..... | Quaker Street, Part 1 | Duanesburg | 1.15 | ..... | ..... | 1.15 | ..... |
| 105 ⁴ | 191 | ..... | Quaker Street, Part 2 | Duanesburg | 0.35 | ..... | ..... | 0.35 | ..... |
| 106 | 219 | ..... | Quaker Street, Part 3 | Duanesburg | 0.13 | ..... | ..... | 0.13 | ..... |
| 163 ⁵ | 187 | ..... | Broadway—Fort Hunter | Rotterdam | 1.71 | ..... | ..... | 1.71 | ..... |
| 179 | 185 | ..... | Schenectady—Albany | { Rotterdam | 1.18 | ..... | ..... | 2.36 | ..... |
| 407 ¹ | 55, 926 | ..... | Troy—Schenectady, Part 2 | { Niskayuna | 1.18 | ..... | ..... | 3.03 | ..... |
| 577 ⁶ | { 186, 681, 930, 993 | ..... | Schenectady—Guiderland | Rotterdam | 7.06 | ..... | ..... | 7.06 | ..... |
| 640 | 927 | ..... | Rotterdam Junction—Pattersonville | { Rotterdam Princeton | 3.78 0.18 | ..... | ..... | 3.96 | ..... |
| 641 | 57, 927 | ..... | Schenectady—Rotterdam Junction | Rotterdam | 4.70 | ..... | ..... | 4.70 | ..... |
| 788 ⁹ | 360, 928, 998 | ..... | South Schenectady—Mariaville | { Rotterdam Princeton | 4.98 2.22 | ..... | ..... | 7.20 | ..... |
| 789 | 991 | ..... | Mariaville—Montgomery County L. | Duanesburg | 5.75 | ..... | ..... | 5.75 | ..... |
| 793 | 2460 | ..... | Schenectady—Vischers Ferry | Niskayuna | 2.34 | ..... | ..... | 2.34 | ..... |
| 880 ⁷ | 929 | ..... | Schenectady—Duanesburg, Part 1 | Rotterdam | 2.79 | ..... | ..... | 2.79 | ..... |
| 1028 | 1203 | ..... | Esperance—Esperance Station | Duanesburg | 1.37 | ..... | ..... | 1.37 | ..... |
| 1029 ⁷ | 1205, 1604 | ..... | Central Bridge—Quaker Street, Pt. 2 | Duanesburg | 4.16 | ..... | ..... | 4.16 | ..... |
| 1172 | 3446, V-229 | ..... | Schenectady—Thomas Corners | { Glenville | 1.49 | ..... | ..... | 2.15 | ..... |
| 1338 | 3501 | ..... | Scotia—Saratoga County Line, Pt. 1 | Glenville | 4.02 | Schenectady, c. | 0.66 | 4.22 | ..... |
| 1453 | 3503 | ..... | Vischers Ferry—Niskayuna | Niskayuna | 1.94 | ..... | ..... | 1.94 | ..... |
| 1454 | 1605 | ..... | Duanesburg—Esperance | Duanesburg | 6.33 | ..... | ..... | ..... | 6.33 |

| 1482 | 3509 | Pattersonville—Scotch Church. | Rotterdam..... | 0.24 | ..... | ..... | ..... | 3.42 |
|--------------------|-----------------------|--------------------------------------|-----------------|-------|----------------|-------|-------|-------|
| | | | Princeton..... | 2.57 | ..... | ..... | ..... |  |
| | | | Duanesburg..... | 0.61 | ..... | ..... | ..... |  |
| | | | Towns..... | 66.66 | ..... | 56.91 | 6.33 | 3.42 |
| | | | Villages..... | ..... | ..... | 0.20 | ..... | ..... |
| | | | Cities..... | ..... | ..... | 1.26 | ..... | ..... |
| | | | Totals..... | 66.66 | ..... | 58.37 | 6.33 | 3.42 |
| | | | | | | | | |
| 5030 ¹⁰ | 6 | 4, 6 Scotia—Wyatts | Glenville..... | 2.04 | ..... | 2.04 | ..... | ..... |
| 5110 | 6 | 5, 7 Wyatts—Hoffman | Glenville..... | 5.36 | ..... | 5.36 | ..... | ..... |
| 5132 | { 6 Pet. V-1009 } | 3 Scotia Village | Glenville..... | ..... | Scotia, v..... | 1.27 | ..... | ..... |
| 5314 | 39 | 1 Scotia—High Mills | Glenville..... | 5.45 | ..... | 5.45 | ..... | ..... |
| 5496 | { 39 Pet. V-1197 } | 2 Scotia Village: Ballston Avenue | Glenville..... | ..... | Scotia, v..... | 0.90 | ..... | ..... |
| 5545 ¹¹ | 7-A | 4, 5 Schenectady—Duanesburg, Part 2. | Princeton..... | 3.96 | ..... | ..... | 5.62 | ..... |
| 5551 | 7-A | 6 Duanesburg—Quaker Street | Duanesburg..... | 1.66 | ..... | ..... | ..... | ..... |
| | | | Duanesburg..... | 3.34 | ..... | 3.34 | ..... | ..... |
| | | | Towns..... | 21.81 | ..... | 16.19 | 5.62 | ..... |
| | | | Villages..... | ..... | ..... | 2.17 | ..... | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 21.81 | ..... | 18.36 | 5.62 | ..... |

¹⁰ Included in State Route No. 42.

¹¹ Included in Schenectady city limits after plans were approved. Could not then be built in State Route No. 115. Laws of 1908.

¹² Original contract 1.18 miles. 155 feet at the R. R. omitted from construction.

¹³ Included in State Route No. 7-A.

¹⁴ 0.58 mile included in State Route No. 7-A.

¹⁵ 0.06 mile included in State Route No. 6.

¹⁶ Included in State Route No. 7-A.

¹⁷ Original contract forfeited September 20, 1915, and re-awarded November 20, 1915, forfeited September 6, 1916, and re-awarded September 26, 1916.

¹⁸ Original contract 7.32 miles. Due to change in alignment, actual mileage built 7.20.

¹⁹ Original construction 2.08 miles. 0.05 mile reconstructed under Contract 5110.

²⁰ Exclusive of villages.

SCHOHARIE COUNTY

| COUNTY HIGHWAYS | | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles expended and awaiting contract |
|-----------------|-----------------------------|--------------|-------------------------------------|--------------------|---------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| Highway No. | | | | | | | | | | |
| 1215 | 3266..... | | Central Bridge—Sloansville..... | Schoharie..... | 0.73 | ..... | ..... | 4.16 | .... | ..... |
| 1234 | { 3267..... V-324..... } | | Richmondville—Summit..... | Esperance..... | 3.43 | ..... | ..... | ..... | .... | ..... |
| | | | | Richmondville..... | 0.87 | Richmondville.. | 1.27 | 49.8 | .... | ..... |
| | | | | Summit..... | 2.84 | ..... | ..... | ..... | .... | ..... |
| 1347 | 3263..... | | Gilboa—Conesville..... | Gilboa..... | 1.18 | ..... | ..... | 4.41 | .... | ..... |
| | | | | Conesville..... | 3.23 | ..... | ..... | ..... | .... | ..... |
| 1467 | 3527..... | | Cobleskill—Sharon Springs, Part 2.. | Richmondville..... | 1.29 | ..... | ..... | ..... | .... | 5.25 |
| 1472 | 3266..... | | Sloansville—Charleston, Part 1..... | Seward..... | 3.96 | ..... | ..... | ..... | .... | 1.84 |
| | | | | Esperance..... | 1.84 | ..... | ..... | ..... | .... | ..... |
| | | | | Towns..... | 19.37 | ..... | ..... | 12.28 | .... | 7.09 |
| | | | | Villages..... | .... | ..... | 1.27 | 1.27 | .... | ..... |
| | | | | Cities..... | .... | ..... | ..... | ..... | .... | ..... |
| | | | | Totals..... | 19.37 | ..... | 1.27 | 13.55 | .... | 7.09 |

| STATE HIGHWAYS | | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles expended and awaiting contract |
|-------------------|---|-----------|---------|--|-----------------|---------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| Highway No. | | | | | | | | | | | |
| 5039 ¹ | 7 | 9 | | West Berne—Gallupville..... | Wright..... | 3.34 | ..... | ..... | 3.34 | .... | ..... |
| 5086 | 7 | 7, 8 | | Gallupville—Vrooman..... | Wright..... | 1.85 | ..... | ..... | 5.05 | .... | ..... |
| 5195 | 7 | 6 | | Vrooman—Howes Cave..... | Schoharie..... | 3.20 | ..... | ..... | ..... | .... | ..... |
| 5286 } | 7 | 5 | | Howes Cave—Cobleskill..... | Schoharie..... | 5.05 | ..... | ..... | 5.05 | .... | ..... |
| 5286-A } | 7 | 5 | | Howes Cave—Cobleskill..... | Cobleskill..... | 3.85 | Cobleskill, v .. | 0.85 | 4.70 | .... | ..... |
| 5343 ² | 5 | 1 | | Grand Gorge—Stanford—Harpersfield..... | Gilboa..... | 2.65 | ..... | ..... | 2.65 | .... | ..... |

| | | | | | | | | | |
|-------------------|---------------|------|-------------------------------------|---------------------|-------|-------------------|-------|-------|-------|
| 5444 | 38 | 1 | Schoharie—Middleburg..... | { Schoharie..... | 0.84 | Schoharie, v.... | 1.45 | 5.58 | ..... |
| | | | | { Middleburg..... | 2.62 | Middleburg, v. | 0.67 |  | ..... |
| 5458 | { 7 | 1-3 | Cobleskill—West Richmondville.... | { Cobleskill..... | 0.08 | Cobleskill, v.... | 0.44 | 8.91 | ..... |
| | { Pet. V-1106 | | | { Richmondville.... | 6.59 | Richm'dville, v. | 1.80 |  | ..... |
| 5494 ¹ | { 38 | 1 | Schoharie Village: Main Street..... | { Schoharie..... | ..... | Schoharie, v.... | 0.70 | 0.70 | ..... |
| | { Pet. V-1196 |  |  |  |  |  |  |  | ..... |
| 5569 | 38-A | 4 | Sharon Springs—Sharon..... | { Sharon..... | 4.68 | Sharon Sp'gs, v. | 0.11 | 4.79 | ..... |
| 5577 ² | 38 | 4, 5 | Middleburg—Breakabeen..... | { Middleburg..... | 0.76 | ..... | ..... | 7.95 | ..... |
| | | | | { Fulton..... | 7.19 | ..... | ..... |  | ..... |
| 5619 | 7-A | 1 | Central Bridge—Quaker St., Part 1. | { Schoharie..... | 2.31 | ..... | ..... | 2.73 | ..... |
| | | | | { Esperance..... | 0.42 | ..... | ..... |  | ..... |
| | | | | Towns..... | 45.43 | ..... | ..... | 37.48 | 7.95 |
| | | | | Villages..... | ..... | ..... | 6.02 | 6.02 | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 45.43 | ..... | 6.02 | 43.40 | 7.95 |

SCHUYLER COUNTY

COUNTY HIGHWAYS
Petition
No.

| | | | | | | | | |
|------|--------------|-----------------------------------|------------------|------|----------------|-------|------|-------|
| 999 | 2758, 3081.. | Montour Falls—Alpine, Part 2..... | { Montour..... | 1.66 | ..... | ..... | 6.68 | ..... |
| | | | { Catharine..... | 3.95 | Odessa, v..... | 1.07 |  | ..... |
| 1005 | 2651..... | Tyrone—Reading..... | { Tyrone..... | 6.55 | ..... | ..... | 6.55 | ..... |

¹ Total length 2.08 miles. Part in Albany county.² Original contract 4.76 miles; 0.65 mile at grade crossing cancelled. Alignment changed and 0.59 mile built as No. 5286-A.³ Total length 12.09 miles. Part in Delaware county.⁴ Accepted but final payment refused.⁵ Original contract forfeited October 30, 1916.⁶ Exclusive of villages.

SCHUYLER COUNTY — Concluded

| COUNTY HIGHWAYS | Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-------------|---------------|---|--------------------|----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | | |
| 1128 | | 3092..... | Tyrone Town Line—North Reading | Reading..... | 1.04 | | | 1.04 | | |
| 1190* | | 3414..... | Watkins—Salt Point..... | Reading..... | 1.00 | Watkins, v.... | 0.15 | 1.15 | | |
| 1231 ¹ | | 3515..... | Townsend—Watkins..... | Dix..... | | Watkins, v.... | | | | |
| 1232 | | 2760, V-155. | Montour Falls—Alpine, Part 1..... | Montour..... | 0.17 | Montour Fla., v. | 0.94 | 1.11 | | |
| 1233 | | { 2758..... } | { Alpine—Cayuta, Part 1..... } | { Catharine..... } | { 0.02..... } | | | { 0.98..... } | | |
| | | { 3091..... } | | { Cayuta..... } | { 0.96..... } | | | | | |
| 1320 | | 3286..... | Mecklenburg—Perry City..... | Hector..... | 2.75 | | | 2.75 | | |
| 1420 | | 3198..... | Bradford—Tyrone..... | Orange..... | 3.01 | | | 3.01 | | |
| | | | | Towns..... | 21.11 | | | 18.10 | 3.01 | |
| | | | | Villages..... | | | 2.16 | 2.16 | | |
| | | | | Cities..... | | | | | | |
| | | | | Totals..... | 21.11 | | 2.16 | 20.26 | 3.01 | |
| 5047 | | 12 | 4 Watkins—Montour Falls..... | { Dix..... } | 0.59 | Montour Fla., v. | 0.08 | 1.63 | | |
| | | { 12 | | { Montour..... } | | Montour Fla., v. | 0.36 | | | |
| 5160 | | { 3 | Montour Falls..... | Montour..... | 0.17 | Montour Fla., v. | 1.39 | 1.56 | | |
| | | { Pet. 1040 } | | | | | | | | |
| 5208 ² | | 12 | 1 Horseheads—Montour Falls..... | Montour..... | 3.18 | | | 3.18 | | |
| 5205 ² | | { 45 | { Watkins—Bennettsburg..... } | { Dix..... } | | Watkins, v.... | 1.14 | 4.38 | | 0.77 |
| | | { 46 | | { Hector..... } | 2.75 | Burdett, v.... | 1.26 | | | |
| 5324 ⁴ | | 12 | 7, 9, 10 Watkins—Yates County Line..... | Reading..... | 7.44 | | | | 7.44 | |
| 5334-A | | | | | | | | | | |

STATE HIGHWAYS

Route No. Sec-
tion.

| | | | | | | | | |
|--------|----------------------------|-------------------------------------|------------------------|-------|-----------------|-------|-------|------------|
| 5335 | { 12 5, 0 } Pet. V-1103 | Watkins Village; Franklin Street... | { Dix. Reading..... | ..... | Watkins, v..... | 1.08 | 1.75 | ..... |
| 5432* | 30-A | 1 Horseheads—Cayuta..... | Cayuta..... | 1.12 | ..... | ..... | 1.12 | ..... |
| 5432-A | 30-A | 2 Cayuta—Newfield..... | Cayuta..... | 1.31 | ..... | ..... | 1.31 | ..... |
| 5474* | 46 | 3-4 Townsend—Watkins..... | Dix..... | 5.61 | Watkins, v..... | 0.42 | ..... | 6.03 |
| 5474-A | 46 | 8 Perry City—Trumansburg..... | Hector..... | 0.80 | ..... | ..... | 0.80 | ..... |
| 5557 | | | | | | | | |
| 5575 | | | | | | | | |
| | | Towns..... | | 22.97 | ..... | ..... | 8.03 | 14.17 0.77 |
| | | Villages..... |  | ..... | ..... | 7.00 | 6.58 | 0.42 |
| | | Cities..... |  | ..... | ..... | ..... | ..... | ..... |
| | | Totals..... | | 22.97 | ..... | 7.00 | 14.61 | 14.59 0.77 |

SENECA COUNTY

COUNTY HIGHWAYS

| | | | | | | | | |
|------|-------------|-------------------------------|--|--------------------------------------|---|---|------|-------|
| 273 | 518-K..... | Seneca River, North Side..... | Seneca Falls..... | 1.30 | ..... | ..... | 1.30 | ..... |
| 320* | 518-A... .. | Reservation Road—Fayette..... | { Seneca Falls..... Fayette..... Varick..... Fayette..... Romulus..... | 1.21 4.53 4.11 0.18 0.03 | ..... ..... ..... ..... ..... | ..... ..... ..... ..... ..... | 5.74 | ..... |
| 321* | 518-B..... | Reservation Road—Varick..... | | | | | 4.32 | ..... |

* Original plans 6.01 miles. Included in State Route No. 46 and built as No. 5557.

* Part in Chemung county. Original contract 3.19 miles in Schuyler county; 1.46 miles cancelled.

* Original contract 5.15 miles; 0.77 mile in town of Hector cancelled.

* Total length 7.85 miles. 0.41 mile in Yates county. Original contract for 7.17 miles in Schuyler county cancelled; 0.27 mile added and contract re-let as No. 5334-A.

* Total length 8.98 miles. 0.41 mile in Chemung county. Cancelled and re-let as No. 5432-A, the contract for which was forfeited.

* Total length 7.57 miles. 6.26 miles in Tompkins county. Cancelled and re-let as No. 5474-A.

* Total length 4.12 miles. 3.32 miles in Tompkins county.

* Included in State Route No. 36.

* Increase in length due to pavement being carried over bridge.

* Exclusive of villages.

SENECA COUNTY — Concluded

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles under construction | Miles approved and awaiting contract |
|------------------|--------------------------|--|-------------------|---------------|------------------|--------------------------|--------------------------|--------------------------------------|
| 322 ⁴ | 518-C..... | Reservation Road—Romulus..... | Romulus..... | ..... | ..... | ..... | ..... | ..... |
| 323 | 518-D..... | Reservation Road—Ovid..... | { Ovid..... | 2.88 | ..... | ..... | 3.86 | ..... |
| 324 | 518-E..... | Center Road—Fayette, Part 1..... | Lodi..... | 0.98 | ..... | ..... | ..... | ..... |
| 325 | 518-F..... | Center Road—Fayette, Part 2..... | Fayette..... | 3.20 | ..... | ..... | 3.20 | ..... |
| 326 | 518-G..... | Center Road—Varick..... | Fayette..... | 2.95 | ..... | ..... | 2.95 | ..... |
| 327 ¹ | 518-H, 518-J | Center Road—Romulus..... | { Varick..... | 3.95 | ..... | ..... | 4.04 | ..... |
| 944 | V-72..... | Seneca Falls Village..... | Fayette..... | 0.09 | ..... | ..... | ..... | ..... |
| 1211 | 3476, V-316. | Waterloo Village..... | Seneca Falls..... | ..... | Seneca Falls, v. | 0.72 | 0.72 | ..... |
| 1211-A | { V-316-A, 3476..... | Waterloo Village..... | { Fayette..... | ..... | Waterloo, v. | 0.27 | 1.43 | ..... |
| 1399 | V-162..... | Waterloo Village: Fayette Street... Waterloo Village: Burns Corner..... | Waterloo..... | ..... | Waterloo, v. | 1.16 | ..... | ..... |
| 1400 | { 654, 655, 3101..... | Willard—Ovid..... | Waterloo..... | ..... | Waterloo, v. | 0.05 | 0.05 | ..... |
| 1401 | 795-F..... | Seneca Falls—Clyde, Part 1..... | Fayette..... | ..... | Waterloo, v. | 0.24 | 0.24 | ..... |
| 1416 | 796-A..... | Seneca Falls—Clyde, Part 1..... | Waterloo..... | ..... | Waterloo, v. | 0.02 | 4.89 | ..... |
| | | | Romulus..... | 1.12 | ..... | ..... | ..... | ..... |
| | | | Ovid..... | 0.78 | Ovid, v. | 0.23 | 2.13 | ..... |
| | | | Seneca Falls..... | 1.97 | ..... | ..... | ..... | ..... |
| | | | Tyre..... | 0.66 | ..... | ..... | 2.63 | ..... |
| | | | Towns..... | 34.81 | ..... | ..... | 28.04 | 6.77 |
| | | | Villages..... | ..... | ..... | 2.69 | 2.44 | 0.25 |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 34.81 | ..... | 2.69 | 30.48 | 7.02 |

STATE HIGHWAYS

| Route No. | Section | | | | | | | | |
|-------------------|----------------------------------|------|----------------------------------|---------------------|-------|-------------------|-------|-------|-------|
| 5042 ¹ | 6 | 1 | Auburn—Seneca Falls, Part 2..... | { Seneca Falls..... | 1.10 | ..... | ..... | 2.92 | ..... |
| 5042-C. A. | 6 | 1 | Auburn—Seneca Falls, Part 2..... | { Tyre..... | 1.82 | ..... | ..... | ..... | 0.07 |
| 5057 | 6 | 5, 6 | Geneva—Waterloo..... | { Waterloo..... | 0.91 | ..... | ..... | 5.77 | ..... |
| 5057-C. A. | 6 | 5, 6 | Geneva—Waterloo..... | { Fayette..... | 4.63 | Waterloo, v.... | 0.23 | ..... | ..... |
| 5100 ² | { 6 36 10 Pet. V-1041 } | 2 | Seneca Falls Village..... | { Waterloo..... | 0.09 | ..... | ..... | ..... | 0.11 |
| | | | | { Fayette..... | 0.02 | ..... | ..... | ..... | ..... |
| 5252 | { 36 5, 6 Pet. V-1115 } | | Ovid—Romulus..... | { Seneca Falls..... | 1.12 | Seneca Falls, v. | 2.33 | 3.45 | ..... |
| 5446 | { 36 1, 2 Pet. V-1096 } | | Interlaken—Trumansburg..... | { Ovid..... | 5.24 | Ovid, v..... | 0.80 | ..... | ..... |
| 5599 | { 45 3-4 Pet. V-1163 } | | Lodi—Interlaken..... | { Romulus..... | 0.42 | ..... | ..... | 6.88 | ..... |
| | | | | { Varick..... | 0.42 | ..... | ..... | ..... | ..... |
| | | | | { Covert..... | 5.80 | Interlaken, v.... | 0.70 | 6.50 | ..... |
| | | | | { Lodi..... | 2.98 | ..... | ..... | ..... | ..... |
| | | | | { Covert..... | 1.63 | Interlaken, v.... | 0.40 | 5.01 | ..... |
| | | | | | | | | | |
| | | | | Towns..... | 26.25 | ..... | ..... | 26.07 | 0.18 |
| | | | | Villages..... | ..... | ..... | 4.46 | 4.46 | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 26.25 | ..... | 4.46 | 30.53 | 0.18 |

¹Included in State Route No. 36 and built as No. 5282. ²Contract length 3.33 miles. Original contract forfeited and completed by bonding company. 3.08 miles built, 0.35 miles in Cayuga County. ³Original contract 3.41 miles. 3.42 miles built by contractor; 0.03 mile additional by Railroad. ⁴Approval of plans rescinded by Board of Supervisors. ⁵Exclusive of villages.

STEBEN COUNTY

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|------------------|----------------------------------|--------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 742 ¹ | 607 | Big Flats—Gibson | Corning | 4.33 | Corning | 4.33 | 4.33 | | |
| 754 ² | 606 | Bath—Savona | Bath | 1.45 | Bath | 1.45 | 1.45 | | |
| 850 | 931 | Caton—Corning | Corning | 3.17 | Corning | 6.13 | 6.13 | | |
| 903 | 2857, 2924 | Thurston—Campbell, Part 2 | Caton | 2.07 | Campbell | 2.07 | 2.07 | | |
| 904 | 2877, 2926 | Atlanta—North Cohocton | Cohocton | 1.64 | Cohocton | 1.64 | 1.64 | | |
| 905 | 2847 | Troupsburg Center—So. Troupsburg | Troupsburg | 3.90 | Troupsburg | 3.90 | 3.90 | | |
| 906 | 2876, 2880 | Big Creek, Parts 1 and 2 | Hornellville | 1.22 | Hornellville | 5.98 | 5.98 | | |
| 907 | 2878, 2023 | Big Creek, Part 4 | Freemont | 4.76 | Freemont | 4.13 | 4.13 | | |
| 1000 | 2879 | Big Creek, Part 3 | Avoca | 4.13 | Avoca | 6.95 | 6.95 | | |
| 1000-A | 3102, 2936 | Risingville—Campbell, Part 1 | Howard | 6.95 | Howard | 5.21 | 5.21 | | |
| 1101 | 2937, 2038 | Savona—Bradford | Bath | 4.03 | Savona, v | 0.59 | 9.09 | | |
| 1102 | 3237, 3238 | Hartsville—Canistota | Bradford | 4.47 | Bradford | 5.57 | 5.57 | | |
| 1103 | 2933, 2934 | Cohocton—Wayland, Part 1 | Hartsville | 4.94 | Cohocton, v | 1.52 | 4.09 | | |
| 1104 | V-226, 953, 3108 | Cohocton—Wayland, Part 2 | Canistota | 0.65 | Wayland | 3.38 | 3.38 | | |
| 1200 | 953 | Wayland—Dansville, Part 1 | Wayland | 3.42 | Wayland | 3.42 | 3.42 | | |
| 1292 | 951, (32) | Kanona—Prattsburg, Part 2 | Wheeler | 2.92 | Prattsburg | 4.99 | 4.99 | | |
| 1474 | | | | 2.07 | | | | | |

| | | | | | | | | | |
|-------------------|---------------------------------|-------------------------------------|---|-------------------|-------|------------------|-------|-------|-------|
| 1475 | 3105, 3106.. | Corning—Hornby..... | { | Corning..... | 1.62 | ..... | ..... | 6.00 | ..... |
| 1476 | 3306..... | Seely Creek—Caton, Part 2..... | { | Hornby..... | 4.38 | ..... | ..... | ..... | ..... |
| 1477 | { 953, V-373, 3659, 3738.. } | Wayland Village..... | { | Caton..... | 4.00 | ..... | ..... | 4.00 | ..... |
| | | | | Wayland, v.... | 1.10 | 1.73 | 2.83 | ..... | ..... |
| | | | | Towns..... | 81.34 | ..... | 60.76 | 14.99 | 5.59 |
| | | | | Villages..... | ..... | 3.84 | 3.84 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | Totals..... | 81.34 | 3.84 | 64.60 | 14.99 | 5.59 |
| 5028 ^a | 4 | 3, 4 Corning—Painted Post..... | { | Corning..... | 0.51 | ..... | ..... | 3.48 | ..... |
| 5094 | 4 | 5 Painted Post—Addison, Part 2..... | { | Erwin..... | 2.47 | Painted Post, v. | 0.50 | ..... | ..... |
| 5130 ^a | 15 | 2 Hornell—Big Creek..... | { | Erwin..... | 2.49 | ..... | ..... | 2.49 | ..... |
| | | | | Hornell, v..... | ..... | 0.05 | ..... | 1.06 | ..... |
| 5204 | 14 | 11, 12 Bath—Avoca..... | { | Hornellville..... | 1.01 | ..... | ..... | 6.37 | ..... |
| | | | | Bath..... | 3.48 | ..... | ..... | ..... | ..... |
| 5211 | 14 | 1-3 Painted Post—Campbell..... | { | Avoca..... | 2.89 | ..... | ..... | ..... | ..... |
| | | | | Erwin..... | 2.75 | Painted Post, v. | 0.75 | 8.02 | ..... |
| 5212 | 4 | 14 Hornell—Canisteo..... | { | Campbell..... | 4.52 | ..... | ..... | ..... | ..... |
| | | | | Hornellville..... | 2.87 | ..... | ..... | 3.94 | ..... |
| | | | | Canisteo, v.... | 0.83 | 0.24 | ..... | ..... | ..... |

^a Included in State Route No. 4.^b Included in State Route No. 14.^c Original contract cancelled. Re-let as No. 1000-A.^d Original contract for 3.56 miles included bridges, etc., which were not paved.^e Original contract 1.16 miles. 0.10 mile in Hornell omitted from construction and built as No 5353.^f Exclusive of villages.

STEUBEN COUNTY — Concluded

STATE HIGHWAYS.

| High- way No. | Route No. | Sec- tion | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struction | Miles ap- proved and awaits contract |
|---------------------|--|--------------|-----------------------------------|--------------------|----------------------|------------------|-------------------------------------|-------------------------|-------------------------------------|--|
| 5224 | 14 | 4-6 | Campbell—Bath..... | Campbell..... | 3.19 | ..... | ..... | 9.43 | ..... | ..... |
| 5253 | | | | Bath..... | 4.13 | Savona, v..... | 2.11 | | | |
| 5253-A | | | | Jasper..... | 3.08 | ..... | ..... |  |  |  |
| 5253-B | | | | Woodhull..... | 7.84 | Woodhull, v.... | 0.71 | 17.07 | ..... | ..... |
| 5253-C | 4 | 9-11 | Jasper—Addison..... | Tuscarora..... | 4.85 | ..... | ..... |  |  |  |
| 5253-D | | | | Addison..... | 0.59 | ..... | ..... |  |  |  |
| 5253-E | | | | | | | | | | |
| 5254 | 15 | 3 | Hornell—Arkport..... | Hornellsville..... | 3.38 | Arkport, v..... | 0.54 | 3.92 | ..... | ..... |
| 5255* | 4 | 18 | Almond—Hornell..... | Hornellsville..... | 3.85 | ..... | ..... | 3.85 | ..... | ..... |
| 5342* | { 4 17 Pct. V-1145 } | | Hornell City: Cemetery Hill..... | ..... | ..... | Hornell, c..... | 0.55 | 0.55 | ..... | ..... |
| 5348 | 4 | 12, 13 | Canisteo—Jasper..... | Canisteo..... | 6.88 | Canisteo, v..... | 0.60 | 12.82 | ..... | ..... |
| 5348-A | | | | Jasper..... | 5.25 | ..... | ..... |  |  |  |
| 5348-B | | | | | | | | | | |
| 5349* | { 4 6-8 Pct. V-1111 Pct. V-1116 } | | Painted Post—Addison, Part 3..... | Erwin..... | 2.20 | ..... | ..... | 5.26 | ..... | ..... |
| 5349-A | | | | Addison..... | 0.99 | Addison, v.... | 2.07 | | | |
| 5350 | { 14 8-10 Pct. V-1134 } | | Bath Village..... | Bath..... | ..... | Bath, v..... | 1.89 | 1.89 | ..... | ..... |
| 5351 | 14 | 13 | Avoca Village..... | Avoca..... | ..... | Avoca, v..... | 1.50 | 1.50 | ..... | ..... |
| 5352 | | | | | | | | | | |
| 5352-A | 15 | 4, 5 | Arkport—Dansville..... | Hornellsville..... | 0.46 | Arkport, v..... | 0.18 | 10.37 | ..... | ..... |
| 5352-B | | | | Dansville..... | 9.73 | ..... | ..... |  |  |  |

| | | | | | | |
|-------------------|--|--------------------|--------|------------------|-------|--------|
| 5353 | { 15 } 1 } Hornell City: Canisteo Street..... | ..... | ..... | 0.23 | 0.23 | ..... |
| | { 4 } 15 } ..... | ..... | ..... | ..... | ..... | ..... |
| 5401 | { 4 } 2 } Corning City: East Market and West | ..... | ..... | 0.85 | 0.85 | ..... |
| 5495 | { Pet. V-1088 } Pultney Streets..... | ..... | ..... | ..... | ..... | ..... |
| 5517 | { 13 } 3 } Bath—Hammondsport, Part 2..... | Urbana..... | 2.70 | Hammondsport | 0.78 | 3.48 |
| | | { Bath..... | 1.43 | Bath, v..... | 0.86 | ..... |
| | { 13 } 1, 2 } Bath—Hammondsport, Part 1..... | Urbana..... | 1.98 | ..... | ..... | ..... |
| 5532 [†] | { 15 } 3-A } Arkport—Van Scooters Corners..... | Hornellsville..... | 0.54 | Arkport, v..... | 0.73 | 2.67 |
| | | { Danaville..... | 1.40 | ..... | ..... | ..... |
| 5537 | { 4-B } 1 } Canisteo—Whitesville, Part 1..... | Canisteo..... | 0.94 | Canisteo, v..... | 0.78 | 1.72 |
| | { Pet. V-1146 } ..... | ..... | ..... | ..... | ..... | ..... |
| 5564 | { 14 } 14, 16 } Avoca—Wallace—Cohocton..... | Avoca..... | 4.13 | ..... | ..... | 7.31 |
| | | { Cohocton..... | 1.77 | Cohocton, v..... | 1.41 | ..... |
| 5611 | { 14 } 17, 18 } Cohocton—Naples, Part 1..... | Cohocton..... | 5.75 | ..... | ..... | 5.75 |
| | | | | | | |
| | | Towns..... | 100.88 | ..... | ..... | 100.88 |
| | | Villages..... | ..... | ..... | 15.74 | 15.74 |
| | | Cities..... | ..... | ..... | 1.68 | 1.68 |
| | | Totals..... | 100.88 | ..... | 17.42 | 118.30 |

[†] Original contract for 17.07 miles cancelled; 6.99 miles, let as No. 5253-A, cancelled and re-let as No. 5253-D; 5.71 miles re-let as No. 5253-B, of which 5.50 miles were cancelled and re-let as No. 5253-E; 4.37 miles re-let as No. 5253-C.

[‡] Contract closed by special agreement. Top course built by Division Engineer.

[§] Original contract 0.61 mile. Portion re-located, thus reducing length.

^{||} Original contract 12.82 miles; 7.85 miles cancelled, of which 1.22 miles were re-let as No. 5348-A and 6.63 miles as No. 5348-B.

[¶] Original contract for 4.98 miles omitted 0.27 mile in Erwin. 1.37 miles in Erwin cancelled, combined with the 0.27 mile, and let as No. 5349-A.

[‡] Original contract 10.39 miles; 5.80 miles cancelled, of which 4.30 miles in Danville, 0.47 mile in Hornellsville and 0.18 mile in Arkport village were re-let as No. 5352-A and 0.91 mile in Danville re-let as No. 5352-B.

[§] Total length 5.25 miles, part in Allegany county.

^{||} Exclusive of villages.

SUFFOLK COUNTY

COUNTY HIGHWAYS.

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles applied for and awaiting contract |
|--------------------|------------------------|---|---------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|---|
| 289 ¹ | 277..... | Crescent Avenue..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 693 ² | 2141..... | Amityville—Babylon..... | Babylon..... | 3.82 | ..... | ..... | 3.82 | ..... | ..... |
| 694 ³ | 2153..... | Quogue—Riverhead..... | Southampton..... | 7.65 | ..... | ..... | 7.65 | ..... | ..... |
| 743 ² | 2161..... | Babylon—Bay Shore..... | Islip..... | 4.08 | ..... | ..... | 4.08 | ..... | ..... |
| 794 ³ | 2149, 2665.. | Huntington—Amityville, Part 1... | Huntington..... | 10.10 | ..... | ..... | 10.10 | ..... | ..... |
| 846 | 2154..... | Sag Harbor—Easthampton..... | Easthampton..... | 5.28 | ..... | ..... | 5.28 | ..... | ..... |
| 910 | 2160..... | Shelter Island, Part 1..... | Shelter Island..... | 3.86 | ..... | ..... | 3.86 | ..... | ..... |
| 911 | 2835..... | Sag Harbor—North Haven..... | Southampton..... | 3.04 | ..... | ..... | 3.04 | ..... | ..... |
| 912 ⁴ | 2859..... | Port Jefferson—Coram..... | Brookhaven..... | 6.69 | ..... | ..... | 6.69 | ..... | ..... |
| 1018 | 2860..... | Coram—Patchogue..... | Brookhaven..... | 6.79 | ..... | ..... | 6.79 | ..... | ..... |
| 1048 } 1048-A } | 2845..... | Smithtown—Fort Salonga, Part 1... | Smithtown..... | 3.87 | ..... | ..... | 3.87 | ..... | ..... |
| 1206 | V-267, 3475. | Sag Harbor Village..... | Easthampton..... | ..... | Sag Harbor, v.. | 1.24 | 1.56 | ..... | ..... |
| 1208 | 3010, 3011.. | East Islip—Smithtown Branch..... | Southampton..... | ..... | Sag Harbor, v.. | 0.32 | ..... | 9.57 | ..... |
| 1218 | 2142..... 3510..... | Huntington Town Line—Farmingdale, Part 1..... | Islip..... | 7.24 | ..... | ..... | ..... | ..... | ..... |
| 1219 | 2142..... | Huntington—Amityville, Part 2..... | Smithtown..... | 2.33 | ..... | ..... | ..... | 1.27 | ..... |
| 1274 | 2152, 3352.. | Quogue—Southampton..... | Babylon..... | 1.27 | ..... | ..... | ..... | ..... | ..... |
| 1291 | 2845..... | Smithtown—Fort Salonga, Part 2... | Babylon..... | 4.69 | ..... | ..... | 4.69 | ..... | ..... |
| 1405 | 3352..... | Bridgehampton—Devon..... | Southampton..... | 10.50 | ..... | ..... | ..... | 10.50 | ..... |
| | | | Smithtown..... | 3.26 | ..... | ..... | 3.26 | ..... | ..... |
| | | | Southampton..... | 2.91 | ..... | ..... | ..... | ..... | 11.58 |
| | | | Easthampton..... | 8.67 | ..... | ..... | ..... | ..... | ..... |

| STATE HIGHWAYS | | Route No. | Section | | Towns..... | 96.05 | ..... | 64.40 | 20.07 | 11.58 |
|----------------|---|-----------|---------|--------------------------------|-----------------|-------|-------|-------|-------|-------|
| 8008 | | 35 | 1 | Jericho Turnpike..... | Huntington..... | 3.55 | ..... | 3.55 | ..... | ..... |
| 5111* | | 35 | 2 | Jericho Turnpike, Part 2..... | Huntington..... | 5.02 | ..... | 5.02 | ..... | ..... |
| 5112* | | 35 | 3 | Jericho Turnpike, Part 3..... | Huntington..... | 0.39 | ..... | 4.99 | ..... | ..... |
| 5232 | 7 | 35 | 4, 5 | Smithtown..... | Smithtown..... | 4.80 | ..... | ..... | ..... | ..... |
| 5232-A | | 35 | | Smithtown—Port Jefferson..... | Smithtown..... | 5.60 | ..... | 11.58 | ..... | ..... |
| 5239 | | 35 | | Brookhaven..... | Brookhaven..... | 5.98 | ..... | ..... | ..... | ..... |
| 5300 | | 35 | 22 | Babylon Village..... | Babylon..... | ..... | 1.32 | 1.32 | ..... | ..... |
| 5301* | | 35 | 24 | Amityville Village..... | Babylon..... | ..... | 1.04 | 1.04 | ..... | ..... |
| 5488 | | 35 | 19, 20 | Bay Shore—Brookhaven Town Line | Islip..... | 12.82 | ..... | 12.82 | ..... | ..... |
| | | 35 | 16, 18 | Patchogue—Moriches..... | Brookhaven..... | 11.71 | 1.18 | 12.89 | ..... | ..... |
| Totals..... |  |  |  |  | ..... | 96.05 | 1.56 | 65.96 | 20.07 | 11.58 |
| Totals..... |  |  |  |  | ..... | 96.05 | 1.56 | 65.96 | 20.07 | 11.58 |
| Totals..... |  |  |  |  | ..... | 96.05 | 1.56 | 65.96 | 20.07 | 11.58 |
| Totals..... |  |  |  |  | ..... | 96.05 | 1.56 | 65.96 | 20.07 | 11.58 |

* United States government appropriated adjacent property thus voiding this number.

† Included in State Route No. 35.

‡ 3.04 miles included in State Route No. 35.

§ 1.40 miles included in State Route No. 35.

¶ Accepted in 1913. Acceptance rescinded in 1915. 1048-A awaiting court decision.

‡ Items for Nos. 5111 and 5112 combined and let as one contract.

* Original contract cancelled. Re-let as No. 5232-A.

† Original contract for 12.92 miles cancelled. Plans were changed to 12.86 miles and re-let.

‡ Original contract 10.14 miles. 9.99 miles constructed by State and 0.11 mile by railroad.

§ Exclusive of villages.

SULLIVAN COUNTY

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|--------------|---|-----------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 699 | 1230..... | Liberty—Jeffersonville, Part 1..... | Liberty..... | 6.57 | ..... | ..... | 6.57 | ..... | ..... |
| 700 | 1211..... | Liberty—Jeffersonville, Part 2..... | Callicoon..... | 5.14 | ..... | ..... | 5.14 | ..... | ..... |
| 795 | 1215, 2500.. | Jeffersonville—Kenosha Lake—Fosterdale..... | Delaware..... | 5.26 | ..... | ..... | 6.20 | ..... | ..... |
| | | | Cochecton..... | 0.94 | ..... | ..... | ..... | ..... | ..... |
| 823 | 1216 2528.. | Falls Mills—Callicoon..... | Delaware..... | 4.83 | ..... | ..... | 4.83 | ..... | ..... |
| 824 | 1216..... | Stone Bridge—Falls Mills..... | Delaware..... | 3.34 | ..... | ..... | 3.34 | ..... | ..... |
| 890 | 1241..... | Monticello—Mongaup Valley..... | Thompson..... | 4.37 | ..... | ..... | 4.37 | ..... | ..... |
| 988 ¹ | 2516..... | Fosterdale—Mongaup Valley..... | Cochecton..... | 2.53 | ..... | ..... | ..... | 10.97 | ..... |
| | | | Bethel..... | 8.44 | ..... | ..... | ..... | ..... | ..... |
| 1463 | 1221..... | Liberty—Woodbourne, Part 2..... | Fallsburg..... | 5.63 | ..... | ..... | ..... | 5.63 | ..... |
| 1478 | 2527..... | Forestburg—Orange County Line... | Forestburg..... | 4.01 | ..... | ..... | ..... | 4.01 | ..... |
| 1483 | 3730..... | Mongaup—Pond Eddy..... | Lumberland..... | 5.69 | ..... | ..... | ..... | ..... | 5.69 |
| Totals..... | | | | 56.75 | ..... | ..... | 30.45 | 20.61 | 5.69 |
| Villages..... |  |  |  | ..... | ..... | ..... | ..... | ..... | ..... |
| Cities..... |  |  |  | ..... | ..... | ..... | ..... | ..... | ..... |
| Totals..... | | | | 56.75 | ..... | ..... | 30.45 | 20.61 | 5.69 |

STATE HIGHWAYS

| Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|--------------------|---------|---|---------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5035 | 4 | 8 Monticello—Liberty, Part 1..... | Thompson..... | 2.48 | ..... | ..... | 2.48 | ..... | ..... |
| 5223 ² | 4 | 12 Liberty—County Line, Part 1..... | Liberty..... | 5.52 | ..... | ..... | 8.53 | ..... | ..... |
| | | | Rockland..... | 3.01 | ..... | ..... | ..... | ..... | ..... |
| 5234 } 5234-A } | 4 | 13, 14 Liberty—County Line, Part 2..... | Rockland..... | 8.44 | ..... | ..... | 8.44 | ..... | ..... |

| | | | | | | | |
|---------------------|----------------------|---|------------------------------------|-----------------|-------------------|-------|-------|
| 5296 | { 4 Pet. V-1127 } | Liberty Village..... | Liberty..... | Liberty, v..... | 1.37 | 1.37 | ..... |
| 5322 | 4 | 9, 10 Monticello—Liberty, Part 2..... | { Thompson..... Liberty..... | 4.16 4.29 | ..... | 8.45 | ..... |
| 5457 | 4 | 4, 6 Bloomingburg—Monticello, Part 2.. | { Mamakating..... Thompson..... | 0.47 6.01 | ..... | 6.48 | ..... |
| 5457-A ⁴ | 4 | 5 Bloomingburg—Monticello, Part 2.. | Thompson..... | 0.72 | ..... | 0.72 | ..... |
| 5490 | { 4 Pet. V-1194 } | 7 Monticello Village: Broadway and Jefferson Street..... | Thompson..... | ..... | Monticello, v.... | 1.56 | ..... |
| 5510 ⁵ | 4 | 1, 3 Bloomingburg—Monticello, Part 1.. | Mamakating..... | 6.93 | Wurtsboro, v.... | 1.25 | ..... |
| 5510-A ⁵ | 4 | 2 Bloomingburg—Monticello, Part 1.. | Mamakating..... | 0.43 | ..... | 0.43 | ..... |
| | | Towns..... | 42.46 | ..... | ..... | 42.46 | ..... |
| | | Villages..... | ..... | ..... | 4.18 | 4.18 | ..... |
| | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | Totals..... | 42.46 | ..... | 4.18 | 46.64 | ..... |

TIOGA COUNTY

COUNTY HIGHWAYS

| | | | | | | | |
|-----|------------------------------|-----------------------------|--------------------------------------|--------------|-------|------|-------|
| | Petition No. | | | | | | |
| 845 | 2638..... | Spencer—Candor, Part 1..... | Spencer..... | 4.01 | ..... | 4.01 | ..... |
| 927 | { 2637, 2848, 2888..... } | Owego—Newark Valley..... | { Owego..... Newark Valley..... } | 5.16 2.23 | ..... | 7.39 | ..... |

¹ Original contract forfeited January 23, 1915. Re-awarded February 23, 1915 and forfeited May 31, 1916. Re-awarded August 23, 1916.
² Original contract declared forfeited by Commission. Courts ordered acceptance.
³ Original contract forfeited July 10, 1914. Re-let March 20, 1915. Cancelled April 6, 1916 and being completed as No. 5234-A.
⁴ Portion omitted from original plans for No. 5437.
⁵ Portion omitted from original plans for No. 5510. Contract forfeited. Completed by Department Forces.
⁶ Contract forfeited. Completed by Department Forces. * Exclusive of villages.

TIoga County — Concluded

| COUNTY HIGHWAYS | | | Miles in town | | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|--------------|-----------------------------------|--------------------|-------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| Highway No. | Petition No. | Name of highway | Town | | | | | | |
| 1076 | 3016, 2636.. | Newark Valley—Berkshire, Part 2.. | Berkshire..... | 4.29 | ..... | ..... | 4.29 | ..... | ..... |
| 1077 | 2925..... | Newark Valley—Berkshire, Part 1.. | Newark Valley..... | 3.20 | Newark Val., v. | 1.52 | 4.72 | ..... | ..... |
| 1078 | 2969, 3722.. | Waverly—Lockwood..... | Barton..... | 5.74 | Waverly, v.... | 0.26 | ..... | 6.00 | ..... |
| 1079 | 2922..... | Spencer—Candor, Part 2..... | Candor..... | 3.97 | Candor, v..... | 0.10 | 4.07 | ..... | ..... |
| 1452 | 3026, 3534.. | Richford—Harford Mills..... | Richford..... | 5.50 | ..... | ..... | ..... | 5.50 | ..... |
| | | | Towns..... | 34.10 | ..... | ..... | 22.86 | 11.24 | ..... |
| | | | Villages..... | ..... | ..... | 1.88 | 1.62 | 0.26 | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 34.10 | ..... | 1.88 | 24.48 | 11.50 | ..... |
| STATE HIGHWAYS | | | | | | | | | |
| Route No. | Section | | | | | | | | |
| 5049 | 4 10 | Waverly—Owego, Part 1..... | Barton..... | 2.28 | Waverly, v.... | 0.28 | 2.56 | ..... | ..... |
| 5168 ⁶ | 4 9 | Waverly—Owego, Part 2..... | { Barton..... | 3.48 | ..... | ..... | 5.28 | ..... | ..... |
| | | | { Tioga..... | 1.80 | ..... | ..... | ..... | ..... | ..... |
| 5215 ¹ | 4 1 | Owego—Binghamton..... | Owego..... | 9.23 | Owego, v.... | 0.72 | 9.95 | ..... | ..... |
| 5257 | { 4 8 | Waverly—Owego, Part 3..... | { Tioga..... | 8.92 | ..... | ..... | 9.71 | ..... | ..... |
| | Pet. V-1081 | | { Owego..... | ..... | Owego, v.... | 0.79 | ..... | ..... | ..... |
| 5289 ² | 4 12 | Lowman—Waverly, Part 3..... | Barton..... | 0.33 | Waverly, v.... | 0.64 | 0.97 | ..... | ..... |
| 5333 | { 4 11 | Waverly Village..... | Barton..... | ..... | Waverly, v.... | 1.28 | 1.28 | ..... | ..... |
| | Pet. V-1114 |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5420 | { 36 1-3 | Owego—Candor, Part 1..... | Owego..... | 0.52 | Owego, v.... | 1.11 | 1.63 | ..... | ..... |
| | Pet. V-1187 |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| | | | | | | | | |
|-------------------|----|-----|---------------------------|--------------------------------|--------------|---------------|-------|-------|
| 5429 ¹ | 4 | 9 | Stuartwood Crossing..... | Barton..... | 0.67 | ..... | 0.67 | ..... |
| 5471 | 36 | 4-6 | Owego—Candor, Part 2..... | { Tioga..... Candor, v..... | 2.56 5.34 | 1.18 | 9.08 | ..... |
| | | | Towns..... | ..... | 35.13 | ..... | 35.13 | ..... |
| | | | Villages..... | ..... | ..... | 6.00 | 6.00 | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | ..... | 35 13 | 6.00 | 41.13 | ..... |

TOMPKINS COUNTY

| COUNTY HIGHWAYS | Petition No. | | | | | | | |
|------------------|---------------|---------------------------------|--------------------------------|--------------|------------------------------|------|-------|-------|
| 72 | 141..... | Catskill Turnpike, Part 1..... | Ithaca..... | 1.87 | ..... | 1.87 | ..... | ..... |
| 336 ² | 575..... | Cayuga Heights..... | { Lansing..... Ithaca..... | 1.60 0.79 | Cayuga Hts, v. 0.78 | 3.17 | ..... | ..... |
| 338 | 271..... | Catskill Turnpike, Part 2..... | Dryden..... | 1.38 | ..... | 1.38 | ..... | ..... |
| 454 ⁴ | 891, 989..... | Ithaca..... | Ithaca..... | 3.64 | ..... | 3.64 | ..... | ..... |
| 455 | 1000, 1495.. | Wyckoff..... | Ithaca..... | ..... | Cayuga Hts, v. 0.34 | 0.34 | ..... | ..... |
| 483 | 1030..... | Catskill Turnpike, Part 3..... | { Dryden..... Caroline..... | 0.73 3.71 | ..... ..... | 4.44 | ..... | ..... |
| 606 | 2127, 2129.. | Cayuga Heights—Hanshaw's Cor's. | Ithaca..... | 1.62 | Cayuga Hts, v. 0.50 | 2.12 | ..... | ..... |

¹ Part in Broome county. Total length 10.72 miles.² Part in Chemung county. Total length 3.65 miles.³ Included in State Route No. 11.⁴ 8.06 miles included in State Route No. 9.⁵ Original contract 0.44 mile. Portion (0.23 mile) over railroad crossing built under special agreement.⁶ Contract 5.34 miles. 5.30 miles constructed of which 0.02 mile in Barton was reconstructed by No. 5429.

• Exclusive of villages.

TOMPKINS COUNTY — Continued

COUNTY HIGHWAYS

| High- way No. | Petition No. | Name of highway | Town | * Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles un- der con- struc- tion. | Miles ap- proved and awaiting contract |
|---------------------|---------------------------------------|--|---|--------------------------|---|-------------------------------------|--------------------------|--|--|
| 616 ¹ | 1422, 1496.. | Trumansburg—Ithaca..... | { Ulvesa..... Ithaca..... | { 6.03 2.63 | ..... | ..... | 8.66 | ..... | ..... |
| 681 ² | 1489..... | Ithaca—Dryden, Part 1..... | { Ithaca..... Dryden..... | { 1.56 3.16 | ..... | ..... | 4.72 | ..... | ..... |
| 682 | 1489..... | Ithaca—Dryden, Part 2..... | Dryden..... | 3.95 | ..... | ..... | 3.95 | ..... | ..... |
| 683 | 1489..... | Dryden—Cortland, Part 1..... | Dryden..... | 3.57 | ..... | ..... | 3.57 | ..... | ..... |
| 926 | 1491..... | Freeville—Groton..... | { Dryden..... Groton..... | { 2.13 2.36 | ..... | ..... | 4.49 | ..... | ..... |
| 1001 | 1498, 1690.. | Enfield Center—Ithaca..... | { Enfield..... Ithaca..... | { 4.17 2.28 | ..... | ..... | 6.45 | ..... | ..... |
| 1002 ³ | { 3017..... 3018..... 3019..... | { Groton Village..... Freeville Village..... Dryden Village..... | { Groton..... Dryden..... Dryden..... | { 0.23 | { Groton, v..... Freeville, v..... Dryden, v..... | { 0.37 0.61 1.31 | { 2.52 | { | { |
| 1003 | 1499..... | Mitchell Street—East Town Line.. | Ithaca..... | 1.17 | ..... | ..... | 1.17 | ..... | ..... |
| 1003-A ⁴ | 1499..... | Mitchell Street—East Town Line.. | Ithaca..... | 0.20 | ..... | ..... | 0.20 | ..... | ..... |
| 1004 | { 1202, 1680.. 1201..... | { Cooks Corners—Brookton..... Slaterville Springs—Caroline..... | { Dryden..... Caroline..... | { 0.40 2.00 | ..... | ..... | { 4.58 | { | { |
| 1188 | 1431, V-209. | Groton—Cayuga County Line..... | Groton..... | 2.18 | ..... | ..... | 2.77 | ..... | ..... |
| 1189 | 1691, 2533.. | Enfield Falls—Enfield Center..... | { Ithaca..... Enfield..... | { 1.40 4.94 | Groton, v..... | 0.85 | 6.34 | ..... | ..... |
| 1330 | 1687..... | Ithaca—Esty Glen..... | { Ithaca..... Lansing..... | { 0.99 1.47 | ..... | ..... | 2.46 | ..... | ..... |

| 1431 | 1084, 1078, 1201..... | { Erockton—Speedsville, Part 1, & Slatersville Springs—Caroline, Part 2..... | Caroline..... | 3.38 | ..... | 3.38 | ..... |
|------|-----------------------------|--|---------------------------|-------|------------------|-------|-------|
| 1432 | 1487..... | West Danby—West Danby Station. | Danby..... | 0.42 | ..... | 0.42 | ..... |
| 1433 | { V-353, 3718, 2515..... | Cortland—Groton, Parts 3 & 4.... | Groton, v..... | 5.40 | 0.46 | ..... | 5.86 |
| 1434 | V-347, 3719 | Ithaca City: Mitchell Street..... | Ithaca, c..... | ..... | 0.61 | 0.61 | ..... |
| | | Towns..... | ..... | 73.28 | ..... | 64.50 | 8.78 |
| | | Villages..... | ..... | ..... | 5.22 | 4.76 | 0.46 |
| | | Cities..... | ..... | ..... | 0.61 | 0.61 | ..... |
| | | Totals..... | ..... | 73.28 | 5.83 | 69.87 | 9.24 |
| 5043 | 36 | 4 Ithaca—Danby, Part 1..... | Ithaca..... | 2.59 | ..... | 2.59 | ..... |
| 5122 | 36 | 3 Ithaca—Danby, Part 2..... | Danby..... | 3.24 | ..... | 3.24 | ..... |
| 5190 | 36 | 7 Ithaca—Trumansburg..... | Ithaca, c..... | ..... | 1.06 | 1.06 | ..... |
| 5206 | { 36 Pet. V-1060 | 9 Trumansburg Village..... | Ulysses..... | 0.14 | Trumansburg, v | 1.40 | 1.54 |
| 5213 | 36 | 1, 2 Ithaca—Danby, Part 3..... | Danby..... | 4.34 | ..... | 4.34 | ..... |
| 5214 | { 39-A 9 | 3 Ithaca—Newfield..... | { Ithaca..... Newfield | 0.94 | ..... | ..... | ..... |
| 5225 | 9 | 9 Varna Crossing..... | Dryden..... | 0.53 | Newfield, v.... | 1.53 | 5.09 |
| 5256 | 11 | 4 Esty Glen—South Lansing..... | Lansing..... | 3.10 | ..... | 0.53 | ..... |
| 5294 | 9 | 10, 11 Etna—Freeville—Dryden..... | Dryden..... | 5.31 | Freeville, v.... | 1.38 | 6.69 |

* Included in State Route No. 36.
* Included in State Route No. 9.
* 0.53 mile included in State Route No. 9.
* Portion at grade crossing omitted from contract for No. 1003.
* Exclusive of villages.

* Included in State Route No. 36. Original contract 3.63 miles in Dryden. 0.51 mile omitted from construction and included in No. 5225.

TOMPKINS COUNTY — Concluded

| STATE HIGHWAYS. | High- way No. | Route No. | Sec- tion | Name of highway | Town | *Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|-----------------------------|---------------------|--------------|--------------|--------------------------------|--------------------------------|----------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 5379 | | 9 | 2 | Ithaca—West Danby, Part 1..... | { Ithaca..... Newfield..... | 0.18 3.04 | ..... | { ..... ..... | 3.22 | ..... | ..... |
| 5474 ¹ 5474-A | | 39-A | 1, 2 | Cayuta—Newfield..... | Newfield..... | 6.26 | ..... | ..... | 6.26 | ..... | ..... |
| 5567 | | 9 | { 1-A 2-A | Ithaca—West Danby, Part 2..... | { Newfield..... Danby..... | 1.09 1.96 | ..... | { ..... ..... | 3.05 | ..... | ..... |
| 5575 ¹ | | 46 | 1 | Perry City—Trumansburg..... | Ulysses..... | 2.71 | Trumansburg, v. | 0.61 | 3.32 | ..... | ..... |
| 5627 | | 11 | 5 | South Lansing—Myers..... | Lansing..... | 2.46 | ..... | ..... | ..... | 2.46 | ..... |
| | | | | Towns..... | 40.51 |  | ..... | ..... | 38.05 | ..... | 2.46 |
| | | | | Villages..... | ..... | ..... | ..... | 4.92 | 4.92 | ..... | ..... |
| | | | | Cities..... | ..... | ..... | ..... | 1.06 | 1.06 | ..... | ..... |
| | | | | Towns..... | 40.51 |  | ..... | 5.98 | 44.03 | ..... | 2.46 |

ULSTER COUNTY

COUNTY HIGHWAYS

| | Petition No. | |
|-------------------|--------------|-----------------------------------|
| 16 ³ | 65-A..... | Ulster—Delaware, Part 1..... |
| 31 ⁴ | 65..... | Shandaken..... |
| 37 ⁵ | 116-A..... | Ulster—Delaware, Part 3..... |
| 38 | 116-A..... | Shandaken..... |
| | | Woodsstock..... |
| 116 ¹¹ | 118..... | Saugerties—Woodstock, Part 1..... |
| 17 ⁴ | 65..... | Saugerties—Woodstock, Part 2..... |
| | | Saugerties..... |
| | | { Ulster..... Esopus..... |
| | | Kingston—Rifton..... |
| | | Ulster—Delaware, Part 2..... |
| | | Shandaken..... |
| | | 5.66 |
| | | 5.72 |
| | | 4.00 |
| | | 4.88 |
| | | 4.98 |
| | | 5.09 |

| | | | | | | | |
|-------------------|----------------|-----------------------------------|-------------------|-------|-------|-------|-------|
| 118* | 131..... | Shandaken—Hurley, Part 1..... | Olive..... | 1.54 | ..... | 1.54 | ..... |
| 141 | 130, 474.... | Kingston—Ellenville, Part 3..... | Wawarsing..... | 6.78 | ..... | 6.78 | ..... |
| 142 | 287..... | Saugerties—Woodstock, Part 3..... | Saugerties..... | 2.85 | ..... | 2.85 | ..... |
| 228 ⁷ | 113..... | Saugerties—Kingston..... | { Saugerties..... | 3.58 | ..... | 3.58 | ..... |
| | | | { Ulster..... | 2.08 | ..... | 2.08 | ..... |
| 229 | 115..... | Kingston—High Falls..... | { Ulster..... | 1.79 | ..... | 1.79 | ..... |
| | | | { Rosendale..... | 5.09 | ..... | 5.09 | ..... |
| 230 | 132..... | Kingston—Ellenville, Part 1..... | Marbletown..... | 8.27 | ..... | 8.27 | ..... |
| 231 ⁷ | 338..... | Post, Part 1..... | Lloyd..... | 7.08 | ..... | 7.08 | ..... |
| 305 | 143..... | Kingston—Ellenville, Part 2..... | Rochester..... | 7.25 | ..... | 7.25 | ..... |
| 306 | 144, 321.... | Kingston—Ulster Landing..... | Ulster..... | 5.56 | ..... | 5.56 | ..... |
| 307 | 253, 413.... | Plattekill—Modena..... | Plattekill..... | 7.16 | ..... | 7.16 | ..... |
| 308 | 322, 479.... | New Paltz—Rifton..... | { New Paltz..... | 3.28 | ..... | 3.28 | ..... |
| | | | { Esopus..... | 0.88 | ..... | 0.88 | ..... |
| 309* | 286..... | Post, Part 2..... | ..... | ..... | ..... | ..... | ..... |
| 310 * | 417..... | Old Post Road..... | Esopus..... | 4.25 | ..... | 4.25 | ..... |
| 311 ¹⁰ | 417..... | Post, Part 4..... | Esopus..... | ..... | ..... | ..... | ..... |
| 349 ¹¹ | 416..... | Saugerties—Catskill..... | ..... | ..... | ..... | ..... | ..... |
| 350 | 423, 424, 473, | Highland—Gardner, Part 1..... | { Plattekill..... | 2.26 | ..... | 2.26 | ..... |
| | 482..... | | { Lloyd..... | 4.18 | ..... | 4.18 | ..... |
| | | | { Marlboro..... | 0.82 | ..... | 0.82 | ..... |
|  |  |  |  | ..... | ..... | 7.26 | ..... |

* Part in Schuylker county. Cancelled and re-let as No. 5474-A.

¹ Total length 4.12 miles. Part in Schuylker county.

² 5.45 miles included in State Route No. 5.

³ Included in State Route No. 5.

⁴ 2.30 miles included in State Route No. 5.

⁵ Original construction 4.00 miles. 2.49 miles taken over by New York city for the Ashokan reservoir.

⁶ Included in State Route No. 3 and built as Nos. 5001, 5114 and 5176.

⁷ Included in State Route No. 3.

⁸ 2.84 miles included in State Route No. 3.

⁹ Included in State Route No. 3. To be built as No. 5508.

¹⁰ Included in State Route No. 3. Built as No. 5169.

¹¹ Contract divided and portion (116-B) built by town board of Ulster township. 116-A built by town board of Esopus.

* Exclusive of villages

ULSTER COUNTY — Continued

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|-----------------------------|--|-------------------|----------------|----------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 351 | 433, 480.... | Highland—Gardiner, Part 2 | { Plattkill..... | 3.24 | ..... | ..... | 7.80 | ..... | ..... |
| 352 | 476..... | Kingston—Ellenville, Part 4 | { Gardiner..... | 4.56 | ..... | ..... | ..... | ..... | ..... |
| 353 ¹ | 481..... | Woodstock—West Hurley | { Hurley..... | 1.91 | ..... | ..... | 1.91 | ..... | ..... |
| 354 ² | 740..... | Highland Landing—Highland | { Woodstock..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 419 | 420..... | Rosendale—Perrines Bridge | { Hurley..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 422 ³ | 723..... | Bearsville—Beechford—Mt. Pleasant | { Lloyd..... | 1.15 | ..... | ..... | 1.15 | ..... | ..... |
| 572 | { 809, 810, 3297, V-264. | New Paltz—Plattekill | { Rosendale..... | 1.95 | ..... | ..... | 1.95 | ..... | ..... |
| 602 | 264..... | Bearsville—Willow | { Woodstock..... | 6.23 | ..... | ..... | ..... | ..... | 6.83 |
| 603 | 475, 3555.... | Napanoch—Montela | { Shandaken..... | 0.60 | ..... | ..... | ..... | ..... | ..... |
| 921 | V-11..... | Rifton Village | { New Paltz..... | 2.78 | New Paltz, V... 2.06 | ..... | 5.92 | ..... | ..... |
| 1186 | 131-A, 3459. | Cold Brook—Beechford and Ashokan Reservoir | { Gardiner..... | 1.08 | ..... | ..... | ..... | ..... | ..... |
| 1373 | 3204, V-367 | Hurley—Kingston | { Woodstock..... | 5.57 | ..... | ..... | ..... | 10.24 | 5.57 |
| 1417 | 3554..... | Walkill—Newburgh, Part 1 | { Wawarsing..... | 10.24 | ..... | ..... | ..... | ..... | ..... |
| 1418 | 1677..... | Milton Landing—Milton | { Esopus..... | ..... | Rifton, v..... 2.13 | 2.13 | 2.13 | ..... | ..... |
| 1419 | { V-282, 3295, 3721..... | Rosendale Village | { Olive..... | 1.13 | ..... | ..... | 1.13 | ..... | ..... |
| | | | { Kingston, c.... | 1.00 | ..... | ..... | ..... | 2.73 | ..... |
| | | | { Hurley..... | 1.20 | ..... | ..... | ..... | ..... | ..... |
| | | | { Shawangunk..... | 3.11 | ..... | ..... | 3.11 | ..... | ..... |
| | | | { Marlboro..... | 0.55 | ..... | ..... | 0.55 | ..... | ..... |
| | | | { Rosendale..... | ..... | Rosendale, v... 3.17 | 3.17 | ..... | 3.17 | ..... |

| | | | | | | | |
|------|--------------|-----------------------------|-----------------|--------|-------|--------|-------|
| 1464 | 2111, 3552.. | High Falls—Stone Ridge..... | Marbletown..... | 1.80 | ..... | 1.80 | ..... |
| 1465 | 3151..... | Ulster Landing—Glaseco..... | Saugerties..... | 2.78 | ..... | 2.78 | ..... |
| | | | | | | | |
| | | | Towns..... | 155.44 | ..... | 129.27 | 13.77 |
| | | | Villages..... | ..... | 7.36 | 4.19 | 3.17 |
| | | | Cities..... | ..... | 1.00 | ..... | 1.00 |
| | | | Totals..... | 155.44 | 8.36 | 133.46 | 17.94 |

| STATE HIGHWAYS | | Route No. | Section | | | | |
|----------------|-----|-----------|----------------------------------|-----------------|------|------------------|-------|
| 5000 | 3 | 10 | Saugerties—Kingston, Part 2..... | Ulster..... | 3.22 | ..... | 3.22 |
| 5001 | 3 | 3 | Lloyd Town Line—Milton..... | Marlboro..... | 1.57 | ..... | 1.57 |
| 5114 | { 3 | 2 | Milton—Marlboro..... | Marlboro..... | 3.30 | Marlboro, v.... | 0.52 |
| 5169* | 3 | 14, 15 | Saugerties—Catskill, Part 1..... | Saugerties..... | 3.57 | ..... | 3.57 |
| 5173 | 5 | 1 | Kingston—West Hurley..... | { Ulster..... | 3.72 | ..... | ..... |
| 5176* | 3 | 1 | Marlboro—Cedar Hill Cemetery... | Kingston..... | 0.76 | ..... | 4.96 |
| 5177* | 5 | 12 | Pine Hill—Griffin Corners..... | Hurley..... | 0.48 | ..... | ..... |
| 5192 | 3 | 9 | Eddyville Bridge..... | Marlboro..... | 1.06 | Marlboro, v.... | 0.02 |
| | | | | Shandaken..... | 0.76 | Pine Hill, v.... | 1.54 |
| | | | | { Ulster..... | 0.09 | ..... | ..... |
| | | | | Esopus..... | 0.15 | ..... | 0.24 |

*Included in State Route No. 5. Original plans 4.41 miles. Part flooded by the Ashokan reservoir. Balance of highway constructed as No. 5570.

†Original contract 1.17 miles.

‡Included in State Route No. 5. Original plans 8.85 miles, of which 2.02 miles were built as No. 16.

§Original contract forfeited. Work completed by Division Engineer.

||Part in Orange county. Total length 3.64 miles.

¶Part in Delaware county. Total length 2.18 miles.

•Exclusive of village.

ULSTER COUNTY — Concluded

| STATE HIGHWAYS | Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles proposed and awaiting contract |
|----------------|----------------------------|-----------|---------|-----------------------|-----------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5506 | 3 | 5, 6 | | Old Post, Part 4 | Esopus | 6.48 | | | 6.48 | | |
| 5570 | 5 | 3 | | West Hurley—Woodstock | { Hurley Woodstock | 1.90 1.01 | | | 2.91 | | |
| 5599-1 | 3 | 8 | | Kingston—Port Ewen | { Esopus | 0.35 | Kingston, e. | 0.14 | | | 0.49 |
| 5599-A | | | | | | | | | | | |
| 5601 | { 3, 12, 13 Pet. V-1077 | | | Saugerties Village | Saugerties | | Saugerties, v. | 1.85 | 1.85 | | |
| <hr/> | | | | | | | | | | | |
| Totals | | | | | | 28.42 | | | 28.07 | | 0.35 |
| Villages | | | | | | | | 3.93 | 3.93 | | |
| Cities | | | | | | | | 0.14 | 0.14 | | 0.14 |
| <hr/> | | | | | | | | | | | |
| Totals | | | | | | 28.42 | | 4.07 | 32.00 | | 0.49 |

WARREN COUNTY

COUNTY HIGHWAYS
Petition No.

| | | | | | | | | | | | |
|------|------------|----------------------------|--------------------------|--------------|--|------|--|--|--|--|--|
| 417 | 954 | Glens Falls—Lake George | { Queensbury Caldwell | 4.68 2.88 | | 7.56 | | | | | |
| 418 | 954 | Lake George—Bolton Landing | { Caldwell Bolton | 3.96 5.78 | | 9.74 | | | | | |
| 6156 | 1986, 1987 | Sandy Hill—Glens Falls | Queensbury | 2.12 | | 2.12 | | | | | |
| 691 | 1740 | Riverside—Chester | Chester | 5.73 | | 5.73 | | | | | |

| STATE HIGHWAYS | | Route No. | Sec- tion | | | | |
|----------------|--------------|----------------------------------|--------------|-------|-----------------|-------|------|
| 6624 | 1741, 1746.. | Loon Lake—Pottersville—Taylor's. | Chester | 8.94 | ... | 8.94 | ... |
| 7363 | 2167..... | North Creek—County Line..... | Chester | 4.12 | ... | 4.12 | ... |
| 804 | 1747..... | Luzerne—Lake George, Part 1.... | Luzerne | 7.09 | ... | 7.09 | ... |
| 805 | 1748..... | Luzerne—Lake George, Part 2.... | Caldwell | 3.67 | ... | 3.67 | ... |
| 843 | V-2, V-59.. | Lake George Village..... | Caldwell | ... | Lake George, v. | 0.17 | 0.17 |
| 10215 | 3167..... | Warrensburg—Thurman Station.... | Warrensburg | 3.21 | ... | 3.52 | ... |
| | | | Thurman | 0.31 | ... | | |
| 1023 | 2627, 2624.. | Chestertown—Hague, Part 1..... | Chester | 2.02 | ... | 6.36 | ... |
| | | | Horicon | 4.34 | ... | | |
| 1118 | 2627, 3360.. | Chestertown—Hague, Part 2..... | Horicon | 5.84 | ... | 5.84 | ... |
| 1286 | 3360..... | Chestertown—Hague, Part 3..... | Hague | 5.13 | ... | 5.13 | ... |
| 1501 | 2823..... | Chestertown—Hague, Part 4..... | Hague | 4.59 | ... | 4.59 | 4.59 |
| 1515 | 3291..... | North Creek—North River..... | Johnsburg | 4.85 | ... | 4.85 | 4.85 |
| | | Towns..... | | 79.26 | ... | 64.69 | 5.13 |
| | | Villages..... | | ... | 0.17 | 0.17 | ... |
| | | Cities..... | | ... | ... | ... | ... |
| | | Totals..... | | 79.26 | 0.17 | 64.86 | 5.13 |
| 8055 | 25 | Riverside—Wavertown, Part 1.... | Johnsburg | 1.63 | ... | 1.63 | ... |
| 8068 | 25 | Lake George Village..... | Caldwell | ... | Lake George, v. | 1.48 | 1.48 |
| 8068 | 25 | Riverside—Wavertown, Part 2.... | Johnsburg | 1.53 | ... | 1.53 | ... |
| 85157 | 25 | Warrensburg—Chestertown, Part 1. | Warrensburg | 6.55 | ... | 6.55 | ... |

Contract No. 5599 awaiting completion of No. 5599-A which is for bridge abutments only.

¹ Original contract forfeited December 8, 1916. Relet in 1917. Contract forfeited. Completed by Department Forces.
² Included in State Route No. 25.

a Included in State Route No. 25.
b Included in State Route No. 99. This highway was accepted but contractor refused final payment.

* Included in State Route No. 22. This highway was accepted but contractor refused final payment.
 † Original contract cancelled. Plans revised and re-let.

• Original contract cancelled. 1 hour returned and 10-20%
• Exclusive of villages.

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WARREN COUNTY — Concluded

| State Highway No. | Route No. | Section | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-----------------------------|---------|------------------------------------|-------------------------------------|----------------|------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5158 | 25 | 9, 10 | Warrensburg—Chester town, Part 2. | { Warrensburg..... Chester..... | 2.77 3.72 | ..... | ..... | 6.49 | ..... | ..... |
| 5185 ¹ | 25 | 2 | Wevertown—North Creek..... | Johnsburg..... | 6.57 | ..... | ..... | 6.57 | ..... | ..... |
| 5227 | 25 | 13 | Lake George—Warrensburg..... | { Caldwell..... Warrensburg..... | 4.37 0.21 | ..... | ..... | 4.58 | ..... | ..... |
| 5528 | { 25 16 Pet. V-1183 } | | Glens Falls City: Glen Street..... | ..... | ..... | Glens Falls, c.. | 0.61 | 0.61 | ..... | ..... |
| | | | Towns..... | 27.35 |  | ..... | ..... | 27.35 | ..... | ..... |
| | | | Villages..... | ..... |  | ..... | 1.48 | 1.48 | ..... | ..... |
| | | | Cities..... | ..... |  | ..... | 0.61 | 0.61 | ..... | ..... |
| | | | Totals..... | 27.35 |  | ..... | 2.09 | 29.44 | ..... | ..... |

WASHINGTON COUNTY

| County Highways | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|------------------|--------------|---------------------------------|------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 85 | 133..... | Fort Edward—Sandy Hill..... | Fort Edward..... | 0.92 | ..... | ..... | 0.92 | ..... | ..... |
| 97 ² | 204..... | Shunpike..... | White Creek..... | 3.57 | ..... | ..... | 3.57 | ..... | ..... |
| 103 ² | 205..... | Granville—Middle Granville..... | Granville..... | 1.31 | ..... | ..... | 1.31 | ..... | ..... |
| 104 ² | 205..... | Granville—Troy Stage..... | Granville..... | 1.25 | ..... | ..... | 1.25 | ..... | ..... |
| 720 ² | 2268..... | Sandy Hill—Adamsville..... | Kingsbury..... | 4.75 | ..... | ..... | 4.75 | ..... | ..... |
| 720-A | 2268..... | Dunham Basin..... | Kingsbury..... | 0.24 | ..... | ..... | 0.24 | ..... | ..... |
| 721 ² | 1441..... | White Creek County Line..... | White Creek..... | 3.12 | ..... | ..... | 3.12 | ..... | ..... |
| 722 ² | 2033..... | Hebron Town Line—Granville..... | Granville..... | 2.06 | ..... | ..... | 2.06 | ..... | ..... |

| | | | | | | | | |
|-------|---------------|---|------------------|-------|------------------|-------|-------|-------|
| 723* | 2027..... | Whitehall—Fort Ann Town Line... | Whitehall..... | 4.77 | ..... | ..... | 4.77 | ..... |
| 724 | 221..... | Greenwich—Battenville..... | Greenwich..... | 3.98 | ..... | ..... | 3.98 | ..... |
| 802 | 2034..... | Smiths Basin—Hartford..... | Hartford..... | 5.24 | ..... | ..... | 5.24 | ..... |
| 803 | 2270..... | Sandy Hill—Fort Ann..... | Kingsbury..... | 7.21 | ..... | ..... | 8.23 | ..... |
| 942 | 2598..... | Smiths Basin—Lime Kiln..... | Fort Ann..... | 1.02 | ..... | ..... | 0.66 | ..... |
| 1080 | 3088, 3089.. | Hudson Falls Village..... | Kingsbury..... | 0.66 | ..... | ..... | 0.97 | ..... |
| 1081 | 2599..... | South Argyle—Argyle..... | Kingsbury..... | ..... | Hudson Falls, v. | 0.97 | 0.97 | ..... |
| 1082 | V-184, 3138. | Cambridge Village..... | Argyle..... | 3.34 | ..... | ..... | 3.34 | ..... |
| 1083 | 3067..... | Fort Edward Village..... | Cambridge..... | ..... | Cambridge, v. | 0.58 | 1.72 | ..... |
| 1109* | 1444..... | Cambridge—Ash Grove..... | White Creek..... | ..... | Cambridge, v. | 1.14 | 0.56 | ..... |
| 1223 | { 1445..... } | Battenville—Salem..... | Fort Edward..... | 2.06 | Fort Edward, v. | 0.56 | 0.56 | ..... |
| 1224* | 2289, 3517.. | Comstock—Fort Ann..... | Greenwich..... | 4.11 | ..... | ..... | 5.97 | ..... |
| 1436 | V-375, 3425 { | Greenwich Village: Elm Ave., Main, Bridge and Eddy Sts..... | Salem..... | 1.86 | ..... | ..... | 5.55 | ..... |
| 1437 | 3543, 1446.. | Schuylerville—Greenwich..... | Fort Ann..... | 5.05 | Fort Ann, v. | 0.50 | 1.43 | ..... |
| 1438 | 3288..... | Greenwich—Cambridge..... | Greenwich..... | ..... | Greenwich, v. | 0.90 | 0.53 | ..... |
| | | | Easton..... | ..... | Greenwich, v. | 0.53 | 4.58 | ..... |
| | | | Easton..... | 3.20 | ..... | ..... | 6.98 | ..... |
| | | | Easton..... | 1.38 | ..... | ..... | ..... | ..... |
| | | | Easton..... | 2.22 | ..... | ..... | ..... | ..... |
| | | | Easton..... | 1.44 | ..... | ..... | ..... | ..... |
| | | | Easton..... | 3.32 | ..... | ..... | ..... | ..... |
| | | | Cambridge..... | 68.08 | ..... | ..... | 59.04 | 9.04 |
| | | | Towns..... | ..... | ..... | ..... | 5.18 | 5.18 |
| | | | Villages..... | ..... | ..... | ..... | ..... | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 68.08 | ..... | 5.18 | 64.22 | 9.04 |

* Original contract 6.07 miles. 0.50 mile on a spur built under supplementary agreement.

* Included in State Route No. 22.

* 2.08 miles included in State Route No. 22.

* Original contract for State Route No. 1916.

* Original contract 5.00 miles. 0.24 mile over Barge canal omitted and built as No. 723-A.

* Original contract 5.33 miles. 0.22 mile additional top laid by supplemental agreement on portion of State Route No. 22.

* Exclusive of villages.

WASHINGTON COUNTY — Concluded

STATE HIGHWAYS

| Highway No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|---------------|---------------------|---------|---|------------------------------------|---------------|--------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 5083 | 22 | 8 | Salem—Granville, Part 1..... | Salem..... | 2.96 | ..... | ..... | 2.96 | ..... | ..... |
| 5113 | 22 | 3, 4 | Cambridge—Salem, Part 1..... | { White Creek..... Jackson..... | 2.37 | Cambridge, v... | 1.30 | 3.67 | ..... | ..... |
| 5283 | 22 | 5, 6 | Cambridge—Salem, Part 2..... | { Jackson..... Salem..... | 5.39 0.62 | ..... ..... | ..... ..... | 6.01 | ..... | ..... |
| 5316 | { 22 Pet. V-1097 | 7 | Cambridge—Salem, Part 3..... | Salem..... | 1.23 | Salem, v..... | 1.86 | 3.09 | ..... | ..... |
| 5336 | 22 | 9, 10 | Salem—Granville, Part 2..... | { Salem..... Hebron..... | 0.47 9.01 | ..... ..... | ..... ..... | 9.48 | ..... | ..... |
| 5404 | { 22 Pet. V-1026 | 12 | Granville Village..... | Granville..... | ..... | Granville, v.... | 1.75 | 1.75 | ..... | ..... |
| 5531 | { 22 Pet. V-1207 | 17 | Whitehall Village: Canal and Broad Streets..... | Whitehall..... | ..... | Whitehall, v... | 1.32 1.88 | 1.32 1.88 | ..... | ..... |
| 5578 | 22 | 18 | Whitehall—Dresden Center, Part 1. | Whitehall..... | ..... | Whitehall, v.... | ..... | ..... | ..... | 5.77 |
| 5637 : | 22 | 19 | Whitehall—Dresden Center, Part 2. | Dresden..... | 5.77 | ..... | ..... | ..... | ..... | ..... |
| Totals..... | | | | | 27.82 | ..... | ..... | 22.05 | ..... | 5.77 |
| Villages..... |  |  |  |  | ..... | ..... | 8.11 | 8.11 | ..... | ..... |
| Cities..... |  |  |  |  | ..... | ..... | ..... | ..... | ..... | ..... |
| Totals..... | | | | | 27.82 | ..... | 8.11 | 30.16 | ..... | 5.77 |

SPECIAL HIGHWAY 1
Chapter Laws of

| | | | | | | | |
|-----|-----------|-----------------------|------------------|------|-------|-------|-------|
| 518 | 1912..... | South Bay Bridge..... | { Dredgen..... | 0.04 | ..... | 0.10 | ..... |
| | | | { Whitehall..... | 0.06 | ..... | ..... | ..... |
| | | | Towns..... | 0.10 | ..... | 0.10 | ..... |

WAYNE COUNTY

COUNTY HIGHWAYS

| | Petition No. | | | | | | |
|------|--------------|--------------------------------------|-----------------|------|-----------------|-------|-------|
| 860 | 1635..... | Clyde—Resort, Part 2..... | Rose..... | 3.46 | ..... | 3.46 | ..... |
| 861 | 1173..... | Dugway, Part 4..... | Walworth..... | 1.98 | ..... | 1.98 | ..... |
| 918 | 1619..... | Macedon—Cator Four Corners..... | Macedon..... | 1.16 | ..... | 1.16 | ..... |
| 919 | 2054..... | Clyde—Resort, Part 1..... | { Rose..... | 1.67 | ..... | 3.87 | ..... |
| | | | { Galen..... | 2.20 | ..... | ..... | ..... |
| 920 | 1529..... | Lyons—Sodus Point, Part 1..... | Lyons..... | 3.00 | ..... | 3.00 | ..... |
| 982 | 3025..... | Marion—Williamson, Part 1..... | Marion..... | 1.99 | ..... | 1.99 | ..... |
| 993 | 2100..... | Manchester—Palmyra, Part 2..... | Palmyra..... | 1.20 | ..... | 1.20 | ..... |
| 994 | 2042..... | Williamson Station—Pultneyville..... | Williamson..... | 3.45 | ..... | 3.45 | ..... |
| 1058 | 2064..... | Wolcott—Savannah, Part 3..... | Butler..... | 2.25 | ..... | 2.25 | ..... |
| 1059 | 2055..... | Clyde—Resort, Part 3..... | Huron..... | 1.88 | ..... | 1.88 | ..... |
| 1060 | 2049, 1529.. | Lyons—Sodus Point, Parts 2 & 3... | { Lyons..... | 2.92 | ..... | 6.41 | ..... |
| | | | { Sodus..... | 3.49 | ..... | ..... | ..... |
| 1142 | 2042..... | Williamson Station—Williamson.... | Williamson..... | 0.73 | ..... | 0.73 | ..... |
| 1185 | V-291, 2975. | Red Creek—Fairhaven..... | Wolcott..... | 3.79 | Red Creek, v... | 0.38 | 4.17 |

¹ Total length of contract 0.36 mile of which 0.26 mile was for bridge and trestle work. Cost paid from first bond issue.

* Contract awarded but contractor failed to sign, forfeiting check.

• Exclusive of villages.

WAYNE COUNTY — Concluded

| Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-------------------|-----------------------------|---------------------------|-----------------------------------|----------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| | | | | | | | | | |
| 1406 | 2042 | Marion—Williamson, Part 2 | Marion | 1.84 | | | 3.67 | | |
| 1407 | 2091, 2046 | Newark—Sodus, Part 1 | Williamson | 1.83 | | | | 3.97 | |
| 1503 | 1618, 3292 | Pittsford—Palmyra, Part 3 | Arcadia | 3.97 | | | | | |
| | | | Macedon | 2.99 | | | | | 2.99 |
| | | | Towns | 45.80 | | | 36.59 | 6.22 | 2.99 |
| | | | Villages | | | 0.38 | 0.38 | | |
| | | | Cities | | | | | | |
| | | | Totals | 45.80 | | 0.38 | 36.97 | 6.22 | 2.99 |
| STATE HIGHWAYS | | | | | | | | | |
| Highway No. | Route No. | Section | | | | | | | |
| 5017 | 20 | 2 | Clyde—Savannah, Part 2 | Savannah | 2.00 | Savannah, v. | 0.95 | 2.95 | |
| 5070 ¹ | 20 | 4 | Clyde—Savannah, Part 1 | Galen | | | | | |
| | | | | Savannah | | | | | |
| 5089 | 20 | 3-6 | Clyde—Savannah, Part 1 | Galen | 2.74 | Clyde, v. | 0.91 | 4.53 | |
| | | | | Savannah | 0.88 | | | | |
| 5127 ⁵ | 30 | 12 | Union Hill—Ontario Center | Ontario | 3.44 | | | 3.44 | |
| 5290 | { 30, 1, 2 } Pet. V-1124 | { Wolcott—Red Creek | Wolcott | 4.61 | Wolcott, v. | 1.34 | | 7.02 | |
| | | | Wolcott | | Red Creek, v. | 1.07 | | | |
| 5378 | 30 | 11 | Ontario Center—Williamson | Ontario | 2.96 | | | | |
| 5449 | 30 | 10 | Ontario Center—Williamson, Part 2 | Williamson | 1.57 | | | 4.53 | |
| | | | | Williamson | 2.29 | | | 2.29 | |
| 5451 | 30 | 8, 9 | Williamson—Sodus | Williamson | 2.62 | | | 5.94 | |
| | | | | Sodus | 3.32 | | | | |

| | | | | | | | | | |
|----------------------|------|------|---------------------------|------------|-------|---------------|-------|-------|-------|
| 5503 | 12 | 1 | Geneva—Lyons, Part 3..... | Lyons..... | 2.53 | Lyons, v..... | 0.37 | 2.90 | ..... |
| 5632 | 30 | 6, 7 | Sodus..... | Sodus..... | 5.85 | ..... | ..... | 5.85 | ..... |
| <hr/> | | | | | | | | | |
| | | | Towns..... | 34.81 | ..... | ..... | ..... | 28.96 | 5.85 |
| | | | Villages..... | ..... | ..... | ..... | 4.64 | 4.64 | ..... |
| | | | Cities..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <hr/> | | | | | | | | | |
| | | | Totals..... | 34.81 | ..... | ..... | 4.64 | 33.60 | 5.85 |
| <hr/> | | | | | | | | | |
| FEDERAL AID HIGHWAYS | | | | | | | | | |
| 8005 | .... | .... | Alton—Wolcott, Pt. 2..... | Huron..... | 3.21 | ..... | ..... | ..... | 3.21 |
| <hr/> | | | | | | | | | |
| | | | Towns..... | 3.21 | ..... | ..... | ..... | ..... | 3.21 |

WESTCHESTER COUNTY

| COUNTY HIGHWAYS | Petition No. | | | | | | | | |
|-----------------|--------------|----------------------------------|-------------------|-------|----------------------|-------|-------|-------|-------|
| 17 | 27..... | Hastings—Ardley..... | Greenburg..... | 0.60 | ..... | ..... | ..... | 0.60 | ..... |
| 18 | 98-A..... | Ardley—Elmsford, Part 1..... | Greenburg..... | 2.28 | Elmsford, v..... | 0.48 | ..... | 2.76 | ..... |
| 19 | 105..... | Mamaroneck—White Plains..... | Mamaroneck..... | 0.61 | ..... | ..... | ..... | ..... | ..... |
| 20* | 106-A..... | White Plains—Armonk, Part 1..... | Scarsdale..... | ..... | New Rochelle, c..... | 0.76 | ..... | 2.78 | ..... |
| 34* | 98..... | Ardley—Elmsford, Part 2..... | North Castle..... | 4.02 | Scarsdale, v..... | 1.41 | ..... | ..... | ..... |
| 35* | 106-A..... | White Plains—Armonk, Part 2..... | Greenburg..... | 1.43 | Elmsford, v..... | 0.44 | ..... | 2.15 | ..... |
| | | | Mt. Pleasant..... | 0.28 | ..... | ..... | ..... | 3.28 | ..... |
| | | | North Castle..... | 3.28 | ..... | ..... | ..... | ..... | ..... |

* 0.21 mile in Galen and 0.41 mile in Savannah. This contract covered only the placing of corduroy and preliminary grading. Pavement placed under No. 5989.
 * Original mileage 3.76. New York City built on new location 2.87 miles to replace 2.61 miles of No. 20 which were flooded by Kensico reservoir. The present mileage is shown. * 0.57 mile included in State Route No. 2. * 1.61 miles included in State Route No. 1. Original mileage 3.21. New York City built 1.42 miles to replace 1.35 miles of No. 35 which were flooded by the Kensico reservoir. The present mileage is shown. * Exclusive of villages. * Contract length 3.48 miles. 3.47 miles built of which 0.03 mile was reconstructed under No. 5378.

WESTCHESTER COUNTY — Continued

COUNTY HIGHWAYS

| High- way No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles under con- struc- tion | Miles ap- proved and awaiting contract |
|---------------------|-----------------|----------------------------------|--------------|---------------------|-------------------|-------------------------------------|--|--|
| 50 | 107 | Armonk—Mt. Kisco | North Castle | 1.68 | ..... | ..... | 4.45 | ..... |
| 51 ¹ | 108 | Mt. Kisco—Bedford | New Castle | 2.77 | ..... | ..... | 5.04 | ..... |
| 52 ² | 99 | Unionville—McKeels Corners | Bedford | 5.04 | ..... | ..... | 3.69 | ..... |
| 53 | 100 | McKeels Corners—Briarcliff Manor | Mt. Pleasant | 3.69 | ..... | ..... | 1.76 | ..... |
| 54 | 101 | Briarcliff Manor—Echo Lake | Oswining | ..... | Briarcliff M'r, v | 0.95 | 2.67 | ..... |
| 143 | 102 | Echo Lake—Pines Bridge | Mt. Pleasant | 0.81 | Briarcliff M'r, v | 1.31 | 3.14 | ..... |
| 144 ³ | 109 | Bedford—Cross River | Oswining | 0.82 | ..... | ..... | 5.02 | ..... |
| 148 | 103 | Pines Bridge—Yorktown Heights | New Castle | 0.54 | ..... | ..... | 3.48 | ..... |
| 149 | 104 | Yorktown Heights—Putnam Co. L. | New Castle | 2.54 | ..... | ..... | 6.62 | ..... |
| 150 | 110 | Cross River—Turk Hill | Yorktown | 0.60 | ..... | ..... | 3.27 | ..... |
| 151 | 111 | Turk Hill—Putnam County Line | Bedford | 4.12 | ..... | ..... | 5.99 | ..... |
| 261 | 170 | Peekskill—Salem Center, Part 1 | Poundridge | 0.36 | ..... | ..... | 5.86 | ..... |
| 262 ⁷ | 170 | Peekskill—Salem Center, Part 2 | Lewisboro | 0.54 | ..... | ..... | 4.66 | ..... |
| 261 ⁴ | 170-A | Peekskill—Salem Center, Part 3 | Yorktown | 3.48 | ..... | ..... | 3.88 | ..... |

| | | | | | | | |
|------|--------------|-------------------------------------|---------------------|-------|----------------------|-------|-------|
| 332 | 170..... | Peekskill—Salem Center, Part 4.... | Yortown..... | 3.23 | ..... | 3.23 | ..... |
| 405 | 102, 103.... | Kitchawan—Croton Lake..... | Yortown..... | 2.12 | ..... | 2.12 | ..... |
| 503* | { 956..... | Tarrytown—White Plains..... | Greenburg..... | 2.41 | Elmsford, v... 1.60 | 7.31 | ..... |
| | { 956..... | White Plains—Rye, Parts 1 & 2.... | Harrison..... | 3.30 | ..... | ..... | ..... |
| 519 | 972..... | Mt. Kisco—Pleasantville..... | { New Castle..... | 3.35 | ..... | 3.92 | ..... |
| | | | { Mt. Pleasant..... | 0.57 | ..... | ..... | ..... |
| 520 | 972..... | Pleasantville—Pocantico Hills..... | Mt. Pleasant..... | 3.55 | ..... | 3.55 | ..... |
| 537 | 988..... | Mt. Kisco—Millwood..... | New Castle..... | 4.39 | ..... | 4.39 | ..... |
| 657 | 1302..... | Croton River—Peekskill..... | Cortlandt..... | 5.88 | Peekskill, v... 0.13 | 6.01 | ..... |
| 768 | 1231, 1001.. | Ossining—Kitchawan..... | { Ossining..... | 1.6 | ..... | ..... | ..... |
| | | | { New Castle..... | 1.77 | ..... | 5.86 | ..... |
| | | | Yortown..... | 2.93 | ..... | ..... | ..... |
| 769 | 1830..... | Amawalk—Woods Bridge..... | Somers..... | 4.21 | ..... | 4.21 | ..... |
| 770 | 2166..... | Goldens Bridge—Turt Hill..... | Lewisboro..... | 3.50 | ..... | 3.50 | ..... |
| 775* | 1831..... | Goldens Bridge—Croton Falls..... | { Somers..... | 4.13 | ..... | 4.42 | ..... |
| | | | { North Salem..... | 0.29 | ..... | ..... | ..... |
| 780 | 1832..... | White Plains Town Line—Harrison.. | Harrison..... | 2.91 | ..... | 2.91 | ..... |
| 865 | V-44..... | Mt. Kisco Village..... | { New Castle..... | ..... | Mt. Kisco, v... 1.32 | 2.96 | ..... |
| | | | Bedford..... | ..... | Mt. Kisco, v... 1.64 | ..... | ..... |
| 869 | 2166..... | Cross River—Crafts Corners..... | Lewisboro..... | 5.69 | ..... | 5.69 | ..... |
| 900 | 2199..... | Woods Bridge—Lewis Corners..... | { Lewisboro..... | 0.17 | ..... | 4.26 | ..... |
| | | | { Bedford..... | 4.09 | ..... | ..... | ..... |
| 901 | 2731..... | Port Chester—Crystal Springs, Pt. 1 | Rye..... | 1.92 | ..... | 1.92 | ..... |

1116 miles included in State Route No. 1.

0.6 mile included in State Route No. 2.

0.27 mile included in State Route No. 1.

Present mileages shown

1.52 miles included in State Route No. 2.

1.60 miles included in State Route No. 1.

0.24 mile included in State Route No. 1.

0.03 mile included in State Route No. 1.

* Exclusive of villages.

Original contract 4.55 miles in Bedford, 0.30 in Poundridge and 0.45 in Lewisboro. New York City re-located

WESTCHESTER COUNTY — Continued

| COUNTY HIGHWAYS | Highway No. | Petition No. | Name of highway | Town | *Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|-----------------|-------------------------------|--------------|--|--|----------------|-------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 1015 | 2197..... | | Cystal Springs—Chappaqua—Mill-wood..... | { North Castle. Mount Pleasant... } | 1.63 0.86 | ..... | ..... | 7.24 | ..... | ..... |
| 1052 | 2166..... | | Crafts Corners—Vista..... | New Castle..... | 4.75 | ..... | ..... | 4.68 | ..... | ..... |
| 1053 | V-142..... | | Ardley Village..... | Lewisboro..... | 4.68 | ..... | ..... | 1.46 | ..... | ..... |
| 1167 | V-189, 2884. | | Hastings-on-Hudson Village: Saw Mill River Road..... | Greenburg..... | ..... | Ardley, v..... | 1.46 | ..... | ..... | ..... |
| 1207 | V-268, 3474. | | Croton-on-Hudson Village: River-side Avenue..... | Greenburg..... | 0.64 | Hastings, v..... | 0.64 | 1.28 | ..... | ..... |
| 1306 | { 2198, 2199, 3181, 3617 } | | Williams Corners—Scott Corners..... | Cortlandt..... | 0.05 | Croton, v..... | 1.23 | 1.28 | ..... | ..... |
| 1307 | 2196..... | | Ossining—Millwood..... | Bedford..... | 0.97 | ..... | ..... | ..... | 5.72 | ..... |
| 1308* | { 2713, 3604, 3562 } | | Hawthorne—Pleasantville..... | Poundridge..... | 4.75 | ..... | ..... | ..... | ..... | ..... |
| 1309† | 2811..... | | Peekskill—Putnam County Line..... | Ossining..... | 0.89 | ..... | ..... | 1.89 | ..... | ..... |
| | | | | New Castle..... | 1.00 | ..... | ..... | 2.14 | ..... | ..... |
| | | | | Mt. Pleasant..... | 2.14 | ..... | ..... | ..... | ..... | ..... |
| | | | | Cortlandt..... | 2.18 | ..... | ..... | 6.63 | ..... | ..... |
| | | | | Yorktown..... | 4.45 | ..... | ..... | ..... | ..... | ..... |
| | | | | Ossining..... | 0.56 | ..... | ..... | ..... | ..... | ..... |
| 1323 | 3560, 2195.. | | Ossining—Kitchawan—Pine Bridge..... | New Castle..... | 2.42 | ..... | ..... | 4.62 | ..... | ..... |
| 1324 | 2812..... | | Whitehall Corners—Wright Corners..... | Yorktown..... | 1.64 | ..... | ..... | ..... | ..... | ..... |
| 1325 | 2813..... | | Thorn Corners—Teed Corners..... | Somers..... | 3.02 | ..... | ..... | 3.02 | ..... | ..... |
| 1340 | 2809, 2810.. | | Grant Cor.—Rundall Cor.—Bailey Cor.—State Line..... | Somers..... | 2.81 | ..... | ..... | 2.81 | ..... | ..... |
| 1341 | 3561..... | | Weaver Street..... | North Salem..... | 4.25 | ..... | ..... | ..... | ..... | 4.25 |
| | | | | Scarsdale..... | ..... | Scarsdale, v..... | 0.18 | 0.35 | ..... | ..... |
|  |  |  |  | ..... | ..... | New Rochelle, c | 0.17 | ..... | ..... | ..... |

| | Route No. | Section | Harts Corner—White Plains..... | Greenburg..... | White Plains, c. | 0.92 | ..... | 1.74 |
|----------------|--------------|---------|---------------------------------------|-------------------|------------------|----------------|--------|--------|
| 1370 | 3652, V-366, | | | Greenburg..... | 0.82 |  | ..... | 1.74 |
| | 3679..... | | | Harrison..... | 0.25 |  | ..... | 1.09 |
| 1456 | 3653, T-3, | | | Rye..... | 0.84 |  | ..... | 1.09 |
| | T-4..... | | | Harrison..... | 0.62 |  | ..... | 4.62 |
| 1457 | 3688, 3216, | | Lake St., Ridge St. and Harrison Ave. | Rye..... | 3.20 | Mamaroneck, v. | 0.53 | ..... |
| | 2891..... | | | Rye..... | ..... | Rye, v. | 0.27 | ..... |
| | | | Towns..... | 180.76 | ..... | ..... | 165.06 | 9.54 |
| | | | Villages..... | ..... | ..... | ..... | 13.59 | 12.79 |
| | | | Cities..... | ..... | ..... | ..... | 1.85 | 0.93 |
| | | | Totals..... | 180.76 | ..... | ..... | 15.44 | 178.78 |
| | | | | | | | 10.34 | 7.08 |
| STATE HIGHWAYS | | | | | | | | |
| 5003 | 1 | 9 | Armonk—Byram Lake..... | North Castle..... | 3.44 | ..... | 3.44 | ..... |
| 5146 | 1 | 10 | Byram Lake—Bedford..... | North Castle..... | 1.94 | ..... | 3.34 | ..... |
| 5147* | 2 | 13 | Peekskill—Fishkill, Part 1..... | Bedford..... | 1.40 | ..... | ..... | ..... |
| 5226 | 1 | 6, 7 | White Plains—Rye Lake..... | Cortlandt..... | 1.89 | ..... | 1.89 | ..... |
| 5231 | 2 | 2 | Yonkers—White Plains..... | Harrison..... | 5.01 | ..... | 7.01 | ..... |
| 5298 | 1 | 12 | Bedford—Goldens Bridge..... | North Castle..... | 2.00 | ..... | 5.22 | ..... |
| 5298-A | 1 | 12 | Bedford—Goldens Bridge..... | Greenburg..... | 5.22 | ..... | 5.22 | ..... |
| | | | | Bedford..... | 5.50 | ..... | 7.03 | ..... |
| | | | | Lewisboro..... | 1.63 | ..... | ..... | ..... |

STATE HIGHWAYS

| Route No. | Section | Route | Rate |
|-----------|---------|------------------------------------|------|
| 5003 | 1 | 9 Armonk—Byram Lake..... | 3.44 |
| 5146 | 1 | 10 Byram Lake—Bedford..... | 1.94 |
| 5147 | 2 | 13 Peekskill—Fishkill, Part 1..... | 1.89 |
| 5226 | 1 | 6, 7 White Plains—Rye Lake..... | 5.01 |
| 5231 | 2 | 2 Yonkers—White Plains..... | 5.22 |
| 5298 | 1 | 12 Bedford—Goldens Bridge..... | 5.50 |
| 5298-A | | | 1.63 |

1 (Original contract forfeited May 1, 1916.

* (Original contract forfeited May 1, 1916.
 ** (Original contract forfeited August 2, 1916.

³ Part in Putnam county. Total length 3.63 miles.

(original contract cancelled. Relet as No. 5295-A.

* Exclusive of villages.

WESTCHESTER COUNTY — Concluded

| ROUTE HIGHWAYS | Highway No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed (then) | Miles under construction | Miles approved and awaiting contract |
|----------------|-------------|---------|-----------------------------------|-------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|--------------------------------------|
| 5321 | 1 | 5½ | White Plains—Rye, Part 2..... | ..... | ..... | White Plains, c. | 1.64 | 1.64 | ..... | ..... |
| 5355 | 1 | 4 | Tuckahoe—White Plains, Part 1.... | East Chester | 2.43 | ..... | ..... | 2.43 | ..... | ..... |
| 5356 | 1 | 5 | White Plains Village..... | ..... | ..... | White Plains, c. | 2.23 | 2.23 | ..... | ..... |
| 5357 | 1 | 2 | Bronxville Village..... | East Chester | ..... | Bronxville, v... | 0.95 | 0.95 | ..... | ..... |
| 5358 | 1 | 1 | Mount Vernon City: Columbus Ave. | ..... | ..... | Mt. Vernon, c. | 3.05 | ..... | 3.05 | ..... |
| 5359 | 2 | 1 | Yonkers City: Central Avenue..... | ..... | ..... | Yonkers, c..... | 6.48 | 6.48 | ..... | ..... |
| 5360 | 2 | 4 | Eastview—Briarcliff Manor..... | Greenburg. | 0.18 | Tarrytown, v.. | 0.55 | 5.04 | ..... | ..... |
| 5361 | 2 | 5 | Briarcliff Manor Village..... | Mount Pleasant... | 2.76 | N. Tarrytown, v | 1.55 | ..... | ..... | ..... |
| 5362 | 1 | 3 | Tuckahoe Village..... | Ossining | ..... | Briarcliff Manor | 0.83 | 0.83 | ..... | ..... |
| 5363 | 2 | 12 | Peebles Hill Village..... | East Chester | ..... | Tuckahoe, v... | 0.25 | 0.25 | ..... | ..... |
| 5364 | 2 | 6, 8 | Ossining—Croton River..... | Cortlandt | ..... | Peebles Hill, v... | 0.94 | 0.94 | ..... | ..... |
| 5364-A | 2 | 6, 8 | Ossining—Croton River..... | Ossining | 1.68 | ..... | ..... | 1.68 | ..... | ..... |
| 5371 | 41 | 3 | Larchmont Village..... | Mamaroneck | ..... | Larchmont, v.. | 0.95 | 0.95 | ..... | ..... |
| 5372 | 41 | 2 | New Rochelle—Mamaroneck..... | Mamaroneck | 0.73 | ..... | ..... | 0.73 | ..... | ..... |
| 5373 | 41 | 5 | Rye Village..... | Rye | ..... | Rye, v..... | 2.85 | 2.85 | ..... | ..... |
| 5374 | 41 | 1 | Pelham—New Rochelle..... | Pelham | 0.20 | ..... | ..... | 0.20 | ..... | ..... |
| 5375 | 41 | 1½ | Pelham Manor Village..... | Pelham | ..... | Pelham Manor. | 1.34 | 1.34 | ..... | ..... |

| | | | | | | | |
|-------------------------|-----------------------|---|-------------------------------------|----------------------------------|--------------|-------|-------|
| 3376 | { 41 Pet. V-1143 } | Mamaroneck Village..... | { Rye..... Mamaroneck..... } | Mamaroneck, v. Mamaroneck, v. | 0.64 0.65 | 1.29 | ..... |
| 3464 | 1 | 13 Goldens Bridge—Purdy—Croton Falls..... | 0.68 4.05 | ..... | ..... | 4.73 | ..... |
| 3532 | { 2 Pet. V-1204 } | 7 Owsing Village..... | Owsing..... | Owsing, v..... | 2.17 | 2.17 | ..... |
| 3571 | 2 | 3 White Plains—Eastview..... | Greenburg..... Mt. Pleasant..... | ..... | ..... | 4.29 | ..... |
| 3606 ¹ | { 1 Pet. V-1221 } | 4-A Tuckahoe—White Plains, Part 2.... | Scarsdale..... | Scarsdale..... | 2.74 | 2.74 | ..... |
| | | Towns..... | 44.93 | ..... | 40.64 | 4.29 | ..... |
| | | Villages..... | ..... | ..... | 16.41 | 16.41 | ..... |
| | | Cities..... | ..... | ..... | 13.40 | 10.35 | 3.05 |
| | | Totals..... | 44.93 | ..... | 29.81 | 67.40 | 3.05 |
| SPECIAL HIGHWAYS | | | | | | | |
| 3802 | .... | Yorktown Heights—Mohansic Lake | Yorktown..... | ..... | 1.91 | 1.91 | ..... |
| | | Towns..... | 1.91 | ..... | 1.91 | ..... | ..... |
| CURRENT HIGHWAYS | | | | | | | |
| | | Petition No. | | | | | |
| 3854 | 1914, 1954.. | Castile Center—Perry Center..... | { Castile..... Perry..... } | ..... | 3.22 1.28 | 4.50 | ..... |
| 3922 | 1914..... | Castile—Castile Center..... | Castile..... | ..... | 1.43 | 1.43 | ..... |

¹ Final settlement never made.

² Original contract cancelled.

³ Original contract cancelled.

⁴ Original contract forfeited.

⁵ Exclusive of villages.

Re-let as No. 5364-A. 0.45 mile not on Route No. 2 owing to relocation of route.
Completed by Department Forces.

WYOMING COUNTY

WYOMING COUNTY — Concluded

COUNTY HIGHWAYS

| Highway No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or village | Miles completed | Miles under construction | Miles approved and awaiting contract |
|--------------------|------------------------------|---|-------------------------|----------------|------------------------|--------------------------|-----------------|--------------------------|--------------------------------------|
| 893 | { 1925, 1880, } 2898 | Bliss-Smiths Corners | { Eagle Wetherfield | 2.18 1.43 | ..... | ..... | 3.61 | ..... | ..... |
| 894 | 1941, 2865.. | Java Center—Java Village | Java | 3.55 | ..... | ..... | 3.55 | ..... | ..... |
| 975 | V-73..... | Perry Village | { Castle Perry | ..... ..... | Perry, v. Perry, v. | 0.87 1.14 | 2.01 | ..... | ..... |
| { 976-1 } 976-A | ..... | ..... | { Java Sheldon | 1.53 1.99 | ..... | ..... | 3.52 | ..... | ..... |
| 1055 | 2863, 3079.. | Java Village—Wales | Arcade | 1.94 | ..... | ..... | ..... | 1.94 | ..... |
| 1056 | 1896..... | Arcade—East Arcade, Part 1 | Attica | 2.90 | Attica, v. | 0.54 | ..... | 3.44 | ..... |
| 1057 | 1905, 3136.. | Attica—Schaub Corners | Attica | 2.27 | ..... | ..... | ..... | 2.27 | ..... |
| 1088 | 1908..... | Darien Center—Bennington, Part 2 | Bennington | ..... | Castile, v. | 1.53 | ..... | 1.53 | ..... |
| 1155 | 3207..... | Castile Village | Castile | ..... | ..... | 2.41 | 2.79 | ..... | ..... |
| 1267 | 3342, V-300 | County Line—Arcade | Arcade | 0.38 | ..... | ..... | ..... | 6.99 | ..... |
| ..... | { 1904-7-'9 } 3550, V-338 | Bennington—Attica—Attica Ctr., Parts 2 and 3 | Bennington Attica | 2.68 3.34 | ..... | 0.97 | ..... | ..... | ..... |
| 1349 | 1750, 1758.. | Varysburg—Warsaw, Part 2 | { Orangeville Warsaw | 3.08 1.65 | ..... | ..... | ..... | 4.73 | ..... |
| Totals | | | | 34.85 | ..... | ..... | 16.99 | 10.75 | 7.11 |
| Villages |  |  |  | ..... | ..... | 7.46 | 4.42 | 2.50 | 0.54 |
| Cities |  |  |  | ..... | ..... | ..... | ..... | ..... | ..... |
| Totals | | | | 34.85 | ..... | 7.46 | 21.41 | 13.25 | 7.65 |

| STATE HIGHWAYS | | Section | | | | | | | | |
|----------------|--|---------|-----------------------------------|-----------------------------------|---------------------------------|-------|-------|--------------|-------|-------|
| Route No. | | | | | | | | | | |
| 5024 | 18 | 7, 11 | Warsaw—Pavilion, Parts 1 and 5... | { Warsaw Covington... } | 0.59 2.08 | ..... | ..... | ..... | 2.67 | ..... |
| 5134 | 16 | 8 | Warsaw—Pavilion, Part 2..... | { Warsaw Middlebury..... } | 0.99 2.60 | ..... | ..... | ..... | 3.50 | ..... |
| 5400 | { 16 Pet. V-1085 { 4, 6 Pet. V-1089 } | | Warsaw—Gainesville..... | { Warsaw Gainesville, v. ... } | 2.19 3.63 | ..... | ..... | 2.52 0.55 | 8.89 | ..... |
| 5400-A: | 16 | 5 | Warsaw—Gainesville..... | Gainesville..... | 0.48 | ..... | ..... | ..... | 0.48 | ..... |
| 5410 | 16 | 9, 10 | Warsaw—Pavilion, Parts 3 and 4... | { Middlebury Covington..... } | 1.53 1.49 | ..... | ..... | 0.86 | 3.88 | ..... |
| | | | | | Towns..... | 15.58 | ..... | ..... | 15.58 | ..... |
| | | | | | Villages..... | ..... | ..... | 3.93 | 3.93 | ..... |
| | | | | | Cities..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | Totals..... | 15.58 | ..... | 3.93 | 19.51 | ..... |
| | | | | | Perry Center—Moscow, Pt. 1..... | 2.59 | ..... | ..... | 2.59 | ..... |
| | | | | | Towns..... | 2.59 | ..... | ..... | 2.59 | ..... |

YATES COUNTY

COUNTY HIGHWAYS

Petition No.

| | | | | | | | | | | |
|------------------|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 205 ¹ | ..... | Naples—Woodville..... | Italy..... | 0.87 | ..... | ..... | 0.87 | ..... | ..... | ..... |
| 226 ⁴ | 365 | Kinneya Corners..... | Jerusalem..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Original contract forfeited July 10, 1914. Re-awarded September 28, 1915 and forfeited May 26, 1916. Re-awarded June 28, 1916, of which 1.86 miles was cancelled and relet as 975-A.

² Portion at grade crossing omitted from the contract for No. 5400.

³ Total length 3.45 miles.

⁴ Board of Supervisors rescinded approval of plans before amendment to Chapter 115, Laws of 1893, prohibited such action.

* Exclusive of villages.

YATES COUNTY—Concluded

COUNTY HIGHWAYS.

| High- way No. | Petition No. | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and availing contract |
|---------------------|----------------------------|---|---|----------------------|---|-------------------------------------|-------------------------|--|--|
| 1265 | V-276, 3271. | Dresden—Penn Yan..... | { Torrey..... Benton..... Milo..... | 2.70 1.27 0.22 | Dresden, v..... Penn Yan, v... Penn Yan, v... | 0.81 0.18 | 5.18 | ..... | ..... |
| 1210 | { 355, 3484, V-288..... | Penn Yan—Branchport, Part 1.... | Jerusalem..... | 5.53 | Penn Yan, v... | 0.47 | 6.00 | ..... | ..... |
| 1352 | { 3487, 3489, 3483..... | Rushville—Potter—Middlesex— Overacker Corners..... | { Potter..... Middlesex..... | 4.32 4.80 | Rushville..... | 0.51 | 9.63 | ..... | ..... |
| | | | Towns..... | 19.71 | ..... | .... | 10.59 | 9.12 | ..... |
| | | | Villages..... | .... | ..... | 1.97 | 1.46 | 0.51 | ..... |
| | | | Cities..... | .... | ..... | ..... | ..... | ..... | ..... |
| | | | Totals..... | 19.71 | ..... | 1.97 | 12.05 | 9.63 | ..... |

STATE HIGHWAYS

| High- way No. | Route No. | Section | Name of highway | Town | Miles in town | City or village | Miles in city or vil- lage | Miles com- pleted | Miles under con- struc- tion | Miles ap- proved and availing contract |
|---------------------|--------------|---------|---------------------------------|--------------|---------------------|-----------------|-------------------------------------|-------------------------|--|--|
| 5013 | 12 | 1 | North Reading—Dundee, Part 1... | Starkey..... | 1.99 | ..... | ..... | 1.99 | ..... | ..... |
| 5126 | 12 | 2 | North Reading—Dundee, Part 2... | Starkey..... | 1.66 | Dundee, v..... | 1.02 | 2.68 | ..... | ..... |
| 5201 | { 12 7 | { | Penn Yan Village..... | Milo..... | ..... | Penn Yan, v... | 1.41 | 1.75 | ..... | ..... |
| 5223 | Pet. V-1068 | | Benton..... | Benton..... | ..... | Penn Yan, v... | 0.34 | ..... | ..... | ..... |
| 5223 | 12 | 8, 9 | Penn Yan—Halls Corners..... | Benton..... | 6.25 | ..... | ..... | 6.25 | ..... | ..... |

| | | | | | | | | | |
|--------------------|------|-----|--------------------------------|--|-----------------------|----------------|-------|-------|-------|
| 5324 } 5324-A } | * 12 | 3-6 | Dundee—Penn Yan..... | { Starkey..... Barrington..... Milo..... | 5.17 5.26 | Dundee, v..... | 0.46 | 10.89 | ..... |
| 5334 } 5334-A } | * 12 | 1 | Watkins—Yates County Line..... | Starkey..... | 0.41 | ..... | ..... | 0.41 | ..... |
| | | | | | Towns..... | 20.74 | ..... | 20.33 | 0.41 |
| | | | | | Villages..... | ..... | 3.23 | 3.23 | ..... |
| | | | | | Cities..... | ..... | ..... | ..... | ..... |
| | | | | | Totals..... | 20.74 | ..... | 23.56 | 0.41 |

* Total length 8.15 miles. 1.90 miles in Ontario county.

* Original contract 10.89 miles; 2.47 miles cancelled and re-let as No. 5324-A.

* Total length 7.35 miles. 7.44 miles in Schuyler county. Original contract cancelled. Re-let as No. 5334-A.

* Exclusive of villages.

APPENDIX C

TABLE SHOWING STATUS OF STATE ROUTES DECEMBER 31, 1918

SECTION 120 OF CHAPTER 30, LAWS OF THE STATE OF NEW YORK, OF 1909

Highways to be constructed or improved by the state.— The highways which have been heretofore constructed or improved under the provisions of chapter one hundred and fifteen of the laws of eighteen hundred and ninety-eight, and the acts amendatory thereof, which are included in the routes hereinafter described, together with such other highways as are constructed or improved by the commission in accordance with the routes set forth and described in this section, shall be state highways and shall be constructed or improved at the sole expense of the state as provided in this article. Such routes are hereby set forth and described as follows:

STATE ROUTE No. 1

Commencing at a point on the dividing line between Westchester county and New York, and running thence northerly through Mount Vernon to the dividing line between the town of Eastchester and the city of Mount Vernon, thence northerly along Post road to White Plains, thence southeasterly along Westchester avenue to Purchase street, thence northerly by Purchase street, by Rye lake and King street to state road, thence northerly by same to Armonk, thence easterly and northeasterly through the town of North Castle to Bedford village, thence northerly to Katonah, thence along the east side of the Croton river by Golden's bridge and Purdy's station to a point on the dividing line between Putnam and Westchester counties at or near Croton Falls, running thence northerly through the eastern portion of Putnam county by the way of Brewster, to a point on the dividing line between Dutchess and Putnam counties at or near Patterson, running thence northerly by the way of Pawling, Wingdale, Dover Plains, Amenia, to a point to be determined by the commission, on the dividing line between Columbia and Dutchess counties, running thence northerly in Columbia county by way of Copake to Chatham, thence northwesterly to a point at or near Valatie, running thence northerly to a point to be determined by the commission, on the dividing line between Rensselaer and Columbia counties, running thence northerly and northwesterly through the southwestern portion of Rensselaer county to a point to be determined by the commission on the Hudson river opposite or nearly opposite the city of Albany.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------|------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | | | | | | | | |
| WESTCHESTER COUNTY | | | | | | | | |
| 1 | N. Y. City Line | Mt. Vernon: No. Corp. L. | 5358 | | | | | 3 05 |
| 2 | Mt. Vernon: No. Corp. Line | Bronxville: No. Corp. Line | 5357 | 0 95 | | | | |
| 3 | Tuckahoe: So. Corp. Line | Tuckahoe: No. Corp. Line | 5362 | 0 25 | | | | |
| 4 | Tuckahoe: No. Line | Searsdale Town Line | 5355 | 2 43 | | | | |
| 4A | Searsdale Town Line | White Plains: So. Corp. | 5606 | 2 74 | | | | |
| 5 | White Plains: So. Corp. Line | White Plains: E. Corp. Line | 5356 | 2 23 | | | | |
| 5A | White Plains: E. Corp. Line | Mamaroneck River, W. Br | 503 | | 0 35 | | | |
| 5B | Mamaroneck River, W. Br | Mamaroneck River, E. Br | 5321 | 1 64 | | | | |
| 5C | Mamaroneck River, E. Br | Purchase Street | 503 | | 1 25 | | | |
| 6 | Rye Road | Rye Pond, N. Y. C. Pav't. | 5226 | 3 88 | | | | |
| 6A | Rye Pond | St r's Corners | N.Y.C. | | | 0 23 | | |
| 7 | N. Y. C. Pav't. | Valhalla Road | 5226 | 3 13 | | | | |
| 8 | Valhalla Road | Armonk | 35 | | 1 61 | | | |
| 9 | Armonk | Byram Lake | 5003 | 3 44 | | | | |
| 10 | Byram Lake | Mt. Kisco Road | 5146 | 3 34 | | | | |
| 11 | Mt. Kisco Road | Bedford | 51 | | 1 16 | | | |
| 11A | Bedford | Katonah Road | 144 | | 0 27 | | | |
| 12 | Cross River Road | Golden's Bridge | 5298 | 7 03 | | | | |
| 13 | Golden's Bridge | | 5464 | 2 5 | | | | |
| | | | 262 | | | 0 03 | | |
| 14 | Croton Falls | Croton Falls | 5464 | 2 16 | | | | |
| | | Putnam County Line | 775 | | 0 24 | | | |
| | (Note: N. Y. C. | New York City) | | | | | | |
| | | County total | 43 98 | 5 79 | 4 88 | 0 26 | | 3 05 |
| PUTNAM COUNTY | | | | | | | | |
| 1 | Westchester County Line | Deans Corners | 5006 | 1 80 | | | | |
| 2 | Deans Corners | Brewster: So. Corp. Line | 5438 | 1 64 | | | | |
| 3 | Brewster: So. Corp. Line | Brewster: E. Corp. Line | 5098 | 1 14 | | | | |
| 4 | Brewster: E. Corp. Line | Akins Corners | 5203 | 9 80 | | | | |
| 4 | Akins Corners | Dutchess Co. Line | 585 | | 0 73 | | | |
| | | County total | 15 11 | 14 38 | 0 73 | | | |
| DUTCHESS COUNTY | | | | | | | | |
| 1 | Putnam Co. Line | Pawling: So. Corp. Line | 343 | | 2 23 | | | |
| 2 | Pawling: So. Corp. Line | Pawling: No. Corp. Line | 5009 | 1 67 | | | | |
| 2A | Pawling: No. Corp. Line | Dover Town Line | 612 | | 2 92 | | | |
| 3 | Pawling Town Line | South Dover | 5326 | 3 93 | | | | |
| 4 | South Dover | Wassaic Steel Works | 5460 | 10 8 | | | | |
| 5 | Wassaic Steel Works | Amenia | 537 | | 4 16 | | | |
| 6 | Amenia | Delavergne Hill | 5484 | 2 09 | | | | |
| 7 | Delavergne Hill | Northeast Town Line | 5580 | | | | 3 45 | |
| 8 | Amenia Town Line | Shekomoko | 5580 | | | | 3 52 | |
| 9 | Shekomoko | Bethel | 5628 | | | | 3 30 | |
| 10 | Bethel | Pine Plains: Patchin Corners | 5628 | | | | 3 49 | |
| 11 | Patchin Corners | Columbia Co. Line | | | | | | 0 91 |
| | | County total | 42 54 | 18 56 | 9 31 | | 13 76 | 0 91 |

STATE ROUTE No. 1—Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | cost under contract | Approximate mileage to be built |
|---------------------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|---------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| COLUMBIA COUNTY | | | | | | | | |
| 1 | Dutchess Co. Line..... | Gallatinville..... | | | | | | 3.30 |
| 2 | Gallatinville..... | Anoram..... | | | | | | 2.40 |
| 3 | Anoram..... | West Copake..... | | | | | | 4.50 |
| 4 | West Copake..... | Copake Iron Works..... | | | | | | 4.10 |
| 5 | Copake Iron Works..... | Hilledale..... | 5347 | 4.85 | | | | |
| 6 | Hilledale..... | North Hilledale..... | | | | | | 4.30 |
| 7 | North Hilledale..... | Green River..... | | | | | | 4.10 |
| 8 | Green River..... | Austerlitz..... | | | | | | 3.30 |
| 9 | Austerlitz..... | Spencertown..... | 5620 | 5.02 | | | | |
| 10 | Spencertown..... | Chatham: E. Corp. Line..... | 540 | | 3.09 | | | |
| 11-12 | Chatham: E. Corp. Line..... | Chatham: W. Corp. Line..... | | | | | | 1.40 |
| 13 | Chatham W. Corp. Line..... | Race Track..... | | | | | | 2.60 |
| 14 | Race Track..... | Valatie: So. Corp. Line..... | | | | | | 3.10 |
| 15-16 | Valatie: So. Corp. Line..... | Valatie: Albany Street..... | | | | | | 0.80 |
| 17 | Valatie: Main Street..... | Valatie: St. John's Church..... | 5104 | 0.15 | | | | |
| 18 | Valatie: St. John's Church..... | Rensselaer Co. Line..... | 5074 | 4.32 | | | | |
| County total..... | | | | 51.23 | 14.34 | 3.09 | | 33.80 |
| RENSSELAER COUNTY | | | | | | | | |
| 1, 2 | Columbia County Line..... | Albany-Nassau Road..... | 5084 | 2.90 | | | | |
| 3 | | Schoodack Center..... | 5029 | 2.78 | | | | |
| 4 | Valatie Road..... | Rensselaer: So. Corp. Line..... | 536 | | 1.34 | | | |
| 5, 6 | Schoodack Center..... | Rensselaer: Akin Ave..... | 202 | | 5.42 | | | |
| 7 | Rensselaer: So. Corp. Line..... | Rensselaer: Hudson River..... | 5107 | 0.30 | | | | |
| 8 | Rensselaer: Akin Ave..... | | City | | | 0.40 | | |
| County total..... | | | | 13.23 | 6.07 | 6.76 | 0.40 | |
| Route totals..... | | | | | 89.14 | 24.77 | 0.66 | 13.76 |
| Total miles in Route No. 1..... | | | | | | | | 166.09 |

STATE ROUTE No. 2

Commencing at Jerome avenue on the dividing line between Westchester county and New York city and running thence northerly along Jerome avenue and Central Park avenue to Hartdale, thence along the Sprain road and Laniers road to Fair Grounds, thence northerly to cross road between Greenburgh, and Mount Pleasant, thence westerly along the same to the Saw Mill River road and the Tarrytown Lake road to Bedford road, thence along the Sleepy Hollow road northerly and westerly to the Albany post road, thence northerly along Albany post road through Briar Cliff, Ossining and Croton Landing, thence along Old Yorktown road to Cornell Dam, thence along westerly side of Croton lake to Dixie Hill, thence northerly along Croton avenue to Crompound road, thence westerly along Crompound road through Peekskill to Albany post road, thence northerly from Peekskill, to a point to be determined by the commission, on the dividing line between the towns of Phillipsburg, Putnam county, and Cortlandt, Westchester county, running thence northerly through the western portion of Putnam county to a point to be determined by the commission, on the dividing line between Dutchess and Putnam counties, running thence northerly by the way of the city of Poughkeepsie and Rhinebeck, to a point to be determined by the commission, on the dividing line between Columbia and Dutchess counties, running thence northerly, through Blue Store and Johnstown to Bell's Pond, and thence northerly along the Ancram turnpike and North avenue, to the city of Hudson, running thence northeasterly from the city of Hudson to a point at or near Valatie, connecting with route number one, as above described.

Amended by L. 1910, ch. 648.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------|--------------------------------|-------------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| WESTCHESTER COUNTY | | | | | | | | |
| 1 | N. Y. City Line | Greenburg Town Line | 5359 | 6.48 | | | | |
| 2 | Yonkers Town Line | Elmsford-White Plains Rd. | 5231 | 5.22 | | | | |
| 2A | Dobbs Ferry Road | White Plains-Eastview Rd. | 507 | | 0.10 | | | |
| 3 | Elmsford-White Plains Rd. | Elmsford-Eastview Road | 5571 | | | | 4.23 | |
| 3A | White Plains-Eastview Rd. | Eastview-McKeels Cora. Rd. | 34 | | 0.57 | | | |
| 3B | Eastview-Elmsford Road | Brown's Corners | 52 | | 0.04 | | | |
| 3C | Brown's Corners | Briarcliff Manor Road | 5571 | | | | 0.06 | |
| 4 | Eastview | Albany Post Road | 5360 | 5.04 | | | | |
| 4A | Eastview Road | Ossining Town Line, Briarcliff Town | | | | 0.07 | | |
| 5 | Mt. Pleasant Town Line | Briarcliff Manor: No. Corp. L. | 5361 | 0.83 | | | | |
| 6 | Briarcliff Manor: No. Corp. L. | Ossining: So. Corp. Line | 5364 | 0.31 | | | | |
| 7 | Ossining: So. Corp. Line | Ossining: Main Street | 5482 | 1.44 | | | | |
| 7A | Ossining: Main Street | Ossining: Broadway | | | | 0.08 | | |
| 7B | Ossining: Broadway | Ossining: No. Corp. Line | 5482 | 0.73 | | | | |
| 8 | Ossining: No. Corp. Line | Crotonville School House | 5364 | 0.92 | | | | 2.25 |
| 9 | Crotonville School House | Croton: Grand & Maple Sts. | | | | | | 7.55 |
| 10 | Croton: Gr. & Maple Sts. | Peekskill-Yorktown Road | | | | | | |
| 10A | Croton Ave. | Peekskill: East Corp. Line | 331 | | 1.52 | | | 1.33 |
| 11 | Peekskill: East Corp. Line | Peekskill: First Street | | | | | | |
| 11A | Peekskill: First Street | Peekskill: Howard Street | Village | | | 0.27 | | |
| 12 | Peekskill: Howard Street | Peekskill Creek | 5363 | 0.94 | | | | |
| 13 | Peekskill Creek | Putnam County Line | 5147 | 1.89 | | | | |
| | | | | 23.80 | 2.23 | 0.42 | 4.29 | 11.13 |
| Also: | | | | | | | | |
| E | Crotonville: School House | Croton: River Bridge | 5364 | 0.45 | | | | |
| County total | | | | 42.32 | 24.25 | 2.23 | 0.42 | 4.29 |
| | | | | | | | | 11.13 |
| PUTNAM COUNTY | | | | | | | | |
| 1 | Westchester County Line | Garrison Road | 5147 | 1.74 | | | | |
| 2 | Garrison Road | Hill Country House | 5387 | 2.38 | | | | |
| 3 | Hill Country House | McKeel Corners | 5156 | 4.35 | | | | |
| 4, 5 | McKeel Corners | Dutchess County Line | 5149 | 4.17 | | | | |
| County total | | | | 12.64 | 12.64 | | | |
| DUTCHESS COUNTY | | | | | | | | |
| 1 | Putnam County Line | Fishkill: Church Street | 5150 | 3.65 | | | | |
| 2 | Fishkill: Church Street | Wappinger Falls: So. St. | 5154 | 4.81 | | | | |
| 3 | Wappinger Falls: So. St. | Wappinger Falls: No. Corp. L. | 5549 | 0.88 | | | | |
| 4 | Wappinger Falls: No. Corp. L. | Casper Creek | 5050 | 2.14 | | | | |
| 5 | Casper Creek | Poughkeepsie: So. Corp. L. | 223 | 3.90 | | | | |
| 6 | Poughkeepsie: So. Corp. L. | Poughkeepsie: Livingston St. | 5489 | 0.18 | | | | |

STATE ROUTE No. 2 — Concluded

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|-----------------------------|------------------------------|----------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| DUTCHESS COUNTY — Concluded | | | | | | | | |
| 6A | Poughkeepsie: Livingston St. | Poughkeepsie: Mansion St. | City | | | 1.00 | | |
| 7 | Poughkeepsie: Mansion St. | Poughkeepsie: No. Corp. L. | 5489 | 0.61 | | | | |
| 7A | Poughkeepsie: No. Corp. L. | Hyde Park Town Line | 9003 | | | 1.46 | | |
| 8 | Poughkeepsie Town Line | Hyde Park | 453 | | 4.00 | | | |
| 8A | Hyde Park | Vanderbilt Road | 9004 | | | 0.83 | | |
| 9 | Vanderbilt Road | Rhinebeck Town Line | 5135 | 5.22 | | | | |
| 10 | Hyde Park Town Line | Rhinebeck: So. Corp. L. | 432 | | 3.26 | | | |
| 11, 12 | Rhinebeck: So. Corp. Line | Red Hook Town Line | 5092 | 4.15 | | | | |
| 13 | Rhinebeck Town Line | Red Hook: So. Corp. Line | 552 | | 1.20 | | | |
| 14 | Red Hook: So. Corp. Line | Red Hook: No. Corp. Line | 5095 | 1.33 | | | | |
| 15 | Red Hook: No. Corp. Line | Columbia County Line | 552 | | 4.24 | | | |
| County total | | | | 22.97 | 16.70 | 3.29 | | |
| COLUMBIA COUNTY | | | | | | | | |
| 1 | Dutchess County Line | Jansen Kill Creek | 589 | | 3.77 | | | |
| 2 | Jansen Kill Creek | Livingston | 5004 | 3.64 | | | | |
| 3 | Livingston | Bell Pond | 5072 | 3.59 | | | | |
| 4, 5 | Bell Pond | Hudson: So. Corp. Line | 5073 | 5.08 | | | | |
| 6 | Hudson: So. Corp. Line | Hudson: E. Corp. Line | 5574 | 1.17 | | | | |
| 7 | Hudson: E. Corp. Line | Stockport: Town Line | 341 | | 2.60 | | | |
| 8 | Stockport: Town Line | Stottville | 619 | | 0.21 | | | |
| 9, 10 | Stottville | Stuyvesant Falls | 5103 | 5.20 | | | | |
| 11-13 | Stuyvesant Falls | Route No. 1, Valatie | 5104 | 5.49 | | | | |
| County total | | | | 23.17 | 6.59 | | | |
| Route totals | | | | 83.03 | 25.52 | 3.71 | 4.29 | 11.13 |
| Total miles in Route No. 2 | | | | | | | | 127.68 |

STATE ROUTE No. 3

Commencing at a point to be determined by the commission, on the dividing line between the towns of Orangetown, Rockland county, and the state of New Jersey, running thence northerly through the eastern portion of Rockland county by the way of points at or near Nyack and Haverstraw, to a point to be determined by the commission, on the dividing line between Orange and Rockland counties, running thence northerly through the eastern portion of Orange county to the city of Newburgh, thence northerly from the city of Newburgh to a point to be determined by the commission, on the dividing line between Ulster and Orange counties, running thence northerly through the eastern portion of Ulster county to a point on the Rondout creek at or near the present chain ferry known as the "Sleightsburch Ferry," thence over said creek into the city of Kingston by suitable bridge to be constructed and maintained by the commission, running thence northerly from the city of Kingston to a point to be determined by the commission, on the dividing line between Greene and Ulster counties, running thence northerly through the eastern portion of Greene county to points at or near Catskill, Athens and Coxsackie, to a point to be determined by the commission, on the dividing line between Albany and Greene counties, running thence northerly to the city of Albany.

Amended by L. 1912, ch. 157.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con-tract | Approximate mile-age to be built |
|---------------------------------|----------------------------------|----------------------------------|----------------|-----------------|--------|----------------------|-----------|----------------------------------|
| | | | | State | County | Town or cor-poration | | |
| ROCKLAND COUNTY | | | | | | | | |
| 1 | New Jersey State Line..... | Sparkill: Cartaret Road..... | 5512 | | | | | 2.39 |
| 2 | Sparkill: Highland Avenue..... | Piermont: S. W. Corp. Line..... | 728 | | 0.08 | | | |
| 2A | Piermont: S. W. Corp. Line..... | Piermont: ———— St..... | | | | | | 0.35 |
| 3 | Piermont: ———— St..... | Grand View: So. Corp. Line..... | 5512 | | | | | 1.36 |
| 3A | Grand View: So. Corp. Line..... | Nyack: So. Corp. Line..... | | | | | | 1.20 |
| 4 | Nyack: So. Corp. Line..... | Nyack: No. Corp. Line..... | Village | | | 0.56 | | 1.89 |
| 4 | Nyack: No. Corp. Line..... | Congers..... | | | | 0.53 | | 4.47 |
| 5 | Congers..... | Long Clove..... | 5002 | 1.61 | | | | |
| 6 | Long Clove..... | Haverstraw: Main Street..... | 5165 | 2.16 | | | | |
| 7 | Haverstraw: Main Street..... | West Haverstraw: Thiells Av..... | 5389 | 1.56 | | | | |
| 8 | West Haverstraw: Thiells Av..... | Tompkins Cove..... | | | | | | 3.90 |
| 9, 10 | Tompkins Cove..... | Orange County Line..... | 593 | | 5.82 | | | |
| County total..... | | | 27.88 | 5.33 | 5.90 | 1.09 | | 15.56 |
| ORANGE COUNTY | | | | | | | | |
| 1 | Rockland County Line..... | Garrison Farms..... | 5480 | 1.48 | | | | |
| 2 | Garrison Farms..... | Highland Falls: So. Corp. L..... | | | | | | 2.10 |
| 3 | Highland Falls: So. Corp. L..... | Highland Falls: Mt. Ave..... | | | | | | 0.48 |
| 4 | Highland Falls: Main St..... | West Point-Ct. Valley Road..... | Rt. 4 | *2.14 | | | | |
| 5 | Mountain Avenue..... | Storm King Road..... | 5573 | | | | 1.17 | |
| 6 | Reservation Road..... | ..... | 5498 | | | | 1.27 | |
| 7, 8 | ..... | Cornwall: Bay View Ave..... | 5572 | | | | 2.76 | |
| 9 | Cornwall: Storm King Road..... | Cornwall: Main Street..... | | | | | | 2.00 |
| 9A | Cornwall: Hudson Street..... | N. Y. O. & W. R. R., South..... | 415 | | 1.00 | | | |
| 10 | N. Y. O. & W. R. R., South..... | N. Y. O. & W. R. R., North..... | 5591 | 0.38 | | | | |
| 10A | N. Y. O. & W. R. R., North..... | Woodlawn Cemetery..... | 415 | | 1.63 | | | |
| 11 | Woodlawn Cemetery..... | Newburg: So. Corp. Line..... | 42 | | 1.02 | | | |
| 12-14 | Newburg: So. Corp. Line..... | Newburg: No. Corp. Line..... | City | | | 2.20 | | |
| 15 | Newburg: No. Corp. Line..... | Balmville..... | | | | | | 1.25 |
| 16 | Balmville..... | Cedar Hill Cemetery..... | 5007 | 3.28 | | | | |
| 17 | Cedar Hill Cemetery..... | Ulster County Line..... | 5176 | 1.10 | | | | |
| County total..... | | | 23.12 | 6.24 | 3.65 | 2.20 | 5.20 | 5.83 |
| ULSTER COUNTY | | | | | | | | |
| 1 | Orange County Line..... | Marlboro: So. Corp. Line..... | 5176 | 1.08 | | | | |
| 2 | Marlboro: So. Corp. Line..... | Milton..... | 5114 | 3.82 | | | | |
| 3 | Milton..... | Lloyd Town Line..... | 5001 | 1.57 | | | | |
| 4 | Marlboro Town Line..... | Highland..... | 231 | | 3.30 | | | |
| 4A | Highland..... | Peopus Town Line..... | 231 | | 3.78 | | | |
| 5, 6 | Lloyd Town Line..... | Ulster Park..... | 5508 | 6.48 | | | | |
| 7 | Ulster Park..... | Sleightsburg..... | 310 | | 3.84 | | | |
| 8 | Sleightsburg..... | Kingston: Abel Street..... | 5599A | | | | | 0.49 |
| 8A | Kingston: Abel Street..... | Kingston: Albany Ave..... | City | | | 1.75 | | |
| 9 | Kingston: Albany Ave..... | Kingston: No. Corp. Line..... | City | | | 1.10 | | |
| 10 | Kingston: No. Corp. Line..... | Katrine..... | 5000 | 3.22 | | | | |
| 11 | Katrine..... | Saugerties: So. Corp. Line..... | 228 | | 5.66 | | | |
| 12-13 | Saugerties: So. Corp. Line..... | Saugerties: No. Corp. Line..... | 5601 | 1.85 | | | | |
| 14-15 | Saw Kill Creek..... | McGee's..... | 5169 | 3.57 | | | | |
| 15A | McGee's..... | Greene County Line..... | R. R. | | | 0.10 | | |
| (Note: R.R., built by Railroad) | | | | | | | | |
| Also: | | | | | 21.59 | 16.58 | 2.95 | 0.49 |
| 9 | Eddyville Bridge..... | ..... | 5192 | 0.24 | | | | |
| County total..... | | | 41.85 | 21.83 | 16.58 | 2.95 | | 0.49 |
| *Not included in total. | | | | | | | | |

*Not included in total.

STATE ROUTE No. 3 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|---------------------------------|-------------------------------------|-------------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| GREENE COUNTY | | | | | | | | |
| 0 | Ulster County Line..... | Smith Landing Road..... | R. R. | | | 0.23 | | |
| 1 | Smith Landing Road..... | Young's Corners..... | 5186 | 3.87 | | | | |
| 2 | Young's Corners..... | Catskill: W. Corp. Line..... | 5027 | 1.94 | | | | |
| 3 | Catskill: W. Corp. Line..... | Catskill: Division Street..... | 5368 | 0.86 | | | | |
| 4 | Catskill: Division Street..... | Catskill: Creek Bridge..... | 5409 | 0.23 | | | | |
| | Catskill: Creek Bridge..... | Catskill: Thompson St. Village..... | | | | 0.18 | | 0.48 |
| 5 | Catskill: Thompson St. Village..... | Catskill: No. Corp. Line..... | 5368 | 0.40 | | | | |
| 6 | Catskill: No. Corp. Line..... | Athens: So. Corp. Line..... | 5367 | 2.85 | | | | |
| 7 | Athens: So. Corp. Line..... | Athens: No. Corp. Line..... | 5367 | 3.12 | | | | |
| 8, 9 | Athens: No. Corp. Line..... | Coxsackie: So. Corp. Line..... | 5368 | 3.92 | | | | |
| 10 | Coxsackie: So. Corp. Line..... | Coxsackie: W. Corp. Line..... | 5360 | 2.22 | | | | |
| 11, 12 | Coxsackie: W. Corp. Line..... | New Baltimore Road..... | 5198 | 4.62 | | | | |
| 13 | New Baltimore Road..... | Albany County Line..... | 5370 | 2.70 | | | | |
| | (Note: R.R., built by Railroad Co.) | | | | | | | |
| | County total..... | | 27.62 | 26.73 | | 0.41 | | 0.48 |
| ALBANY COUNTY | | | | | | | | |
| 1 | Greene County Line..... | Ravena..... | | | | | | 0.77 |
| 2 | Ravena..... | Coyman Creek..... | | | | | | 3.80 |
| 3 | Coyman Creek..... | Becker Corner-Selkirk Road..... | | | | | | 2.10 |
| 4 | Becker Corner-Selkirk Road..... | Becker Corners..... | 193 | | 0.82 | | | |
| 5 | Becker Corners..... | Bethlehem Center..... | | | | | | 4.13 |
| 6 | Bethlehem Center..... | Albany: So. Corp. Line..... | 5499 | 2.38 | | | | |
| | County total..... | | 14.00 | 2.38 | 0.82 | | | 10.80 |
| | Route totals..... | | | 62.51 | 26.95 | 6.65 | 5.20 | 33.16 |
| Total miles in Route No. 3..... | | | | 134.47 | | | | |

STATE ROUTE No. 3A

Commencing at a point, to be determined by the commission, on the Delaware river at or near the city of Port Jervis in Orange county, running thence northwesterly along the Delaware river, as nearly as practicable, to a point to be determined by the commission on the dividing line between Sullivan and Delaware counties, thence to the village of Hancock, connecting with route number four.

Amended by L. 1911, ch. 263.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- tract | Approximate mile- age to be built |
|----------------------------------|--------------------------------|----------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| ORANGE COUNTY | | | | | | | | |
| 1 | Delaware River Bridge..... | Port Jervis: E. Main St. | City | | | 0.55 | | |
| 2 | Port Jervis: Pike St. | Port Jervis: Grand View Av. | City | | | 0.52 | | |
| 3 | Port Jervis: W. Main St. | Port Jervis: W. Corp. Line.... | City | | | 0.29 | | |
| 4 | Port Jervis: W. Corp. Line.... | Old Bolton Basin..... | 412 | | 2.33 | | | |
| 5 | Old Bolton Basin..... | Mongaup River..... | | | | | | 3.20 |
| | County total..... | | 6.89 | | 2.33 | 1.36 | | 3.20 |
| SULLIVAN COUNTY | | | | | | | | |
| 1 | Mongaup River..... | Upper Mongaup..... | | | | | | 2.20 |
| 2 | Upper Mongaup..... | Glen Spey-Pond Eddy Rd. | | | | | | 3.20 |
| 3 | Glen Spey-Pond Eddy Rd. | Highland Town Line..... | | | | | | 2.60 |
| 4 | Lumberland Town Line..... | Eldred..... | | | | | | 2.20 |
| 5 | Eldred..... | Blind Pond..... | | | | | | 2.60 |
| 6 | Blind Pond..... | Beaver Brook..... | | | | | | 2.00 |
| 7 | Beaver Brook..... | Swamp Mills..... | | | | | | 3.00 |
| 8 | Swamp Mills..... | Lava-Tusten Road..... | | | | | | 1.80 |
| 9 | Lava-Tusten Road..... | Narrowsburg-Lava Road..... | | | | | | 2.60 |
| 10 | Narrowsburg-Lava Road..... | Cochecton Town Line..... | | | | | | 2.50 |
| 11 | Tusten Town Line..... | Cochecton..... | | | | | | 3.90 |
| 12 | Cochecton..... | Delaware Town Line..... | | | | | | 2.30 |
| 13 | Cochecton Town Line..... | Callicoon Depot..... | | | | | | 3.00 |
| 14 | Callicoon Depot..... | Freemont Town Line..... | | | | | | 2.90 |
| 15 | Delaware Town Line..... | Basket-Freemont Ctr. Rd. | | | | | | 2.85 |
| 16 | Basket-Freemont Ctr. Rd. | Delaware Co. Line..... | | | | | | 2.83 |
| | County total..... | | 42.49 | | | | | 42.48 |
| DELAWARE COUNTY | | | | | | | | |
| 1, 2 | Sullivan County Line..... | Sand Pond..... | | | | | | 5.70 |
| 3, 4 | Sand Pond..... | French Woods..... | | | | | | 4.60 |
| 5 | French Woods..... | Hancock: So. Corp. Line..... | | | | | | 2.10 |
| 6 | Hancock: So. Corp. Line..... | Hancock: Route No. 4..... | | | | | | 0.50 |
| | County total..... | | 12.90 | | | | | 12.90 |
| | Route totals..... | | | | 2.33 | 1.36 | | 58.58 |
| Total miles in Route No. 3A..... | | | | | | | | 62.27 |

STATE ROUTE No. 4

Commencing at a point to be determined by the commission on route number three, running thence through Orange county by the way of Middletown to a point to be determined by the commission, on the dividing line between Sullivan and Orange counties, running thence westerly and northerly through Sullivan county by the way of Monticello to a point to be determined by the commission, on the dividing line between Delaware and Sullivan counties, thence to Deposit, on the dividing line between Broome and Delaware counties, running thence westerly by the way of Windsor to the city of Binghamton, running thence westerly from the city of Binghamton by the way of Lestershire and Eadiott, to a point to be determined by the commission, on the dividing line between Tioga and Broome counties, running thence westerly through the southern portion of Tioga county, to a point to be determined by the commission, on the dividing line between Chemung and Tioga counties, running thence westerly and northwesterly through the southern portion of Chemung county, to the city of Elmira, running thence northerly from the city of Elmira to a point at or near Horseheads, running thence westerly to a point to be determined by the commission on the dividing line between Steuben and Chemung counties, running thence westerly and northwesterly by the way of Corning, Addison and Canastota, to the city of Hornell, running thence northwesterly and southwesterly from the city of Hornell to a point at or near Almond on the dividing line between Allegany and Steuben counties, running thence southwesterly to Wellsville, running thence northwesterly and westerly by the way of Belmont, Belvidere and Friendship and Cuba, to a point to be determined by the commission on the dividing line between Cattaraugus and Allegany counties, running thence southwesterly to the city of Olean, running thence westerly and northwesterly from the city of Olean by the way of Salamanca, Little Valley, Napoli and Randolph, to a point to be determined by the commission, on the dividing line between Chautauque and Cattaraugus counties, running thence westerly to the city of Jamestown, thence northwesterly by the way of Mayville, to Westfield.

Amended by L. 1911, ch. 747.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ORANGE COUNTY | | | | | | | | |
| 1 | Route No. 2, Highland Falls. | Mine Lake..... | 5328 | 4.90 | | | | |
| 2 | Mine Lake..... | Central Valley: Albany Turn. | 5328A | 0.90 | | | | |
| 3 | Central Valley: Mt. Ave..... | " The Pines..... | 5328 | 6.29 | | | | |
| 4 | " The Pines..... | Edwards Corners..... | 187 | | 0.47 | | | |
| 5 | Edwards Corners..... | Harriman..... | 118 | | 1.13 | | | |
| 6 | Harriman..... | Monroe: So. Corp. Line..... | 46 | | 1.51 | | | 0.60 |
| 7 | Monroe: So. Corp. Line..... | Oxford..... | 5144 | 3.31 | | | | |
| 8 | Oxford..... | L. & H. R. R. Crossing..... | 5297 | 2.83 | | | | |
| | L. & H. R. R. Crossing..... | East Chester..... | | | | | | 0.37 |
| | East Chester..... | Chester: No. Corp. Line..... | 5297 | 1.11 | | | | |
| 9 | Chester: No. Corp. Line..... | Otter Kill..... | 156 | | 1.36 | | | |
| 10 | Otter Kill..... | Goshen: So. Corp. Line..... | | | | | | 1.54 |
| 11-12 | Goshen: So. Corp. Line..... | Goshen: No. Corp. Line..... | | | | | | 1.26 |
| 13 | Goshen: No. Corp. Line..... | Middletown: So. Corp. Line..... | | | | | | 5.24 |
| 14 | Middletown: So. Corp. Line..... | Middletown: South Street..... | City | | 0.75 | | | |
| 15 | Middletown: Geising St..... | Middletown: Wickham Ave..... | City | | 0.75 | | | |
| 16 | Middletown: Wickham Ave..... | Middletown: No. Corp. Line..... | City | | 0.86 | | | |
| 17 | Middletown: No. Corp. Line..... | Sullivan County Line..... | 5310 | 6.78 | | | | |
| County total..... | | | | 41.92 | 26.12 | 4.47 | 2.30 | 9.03 |
| SULLIVAN COUNTY | | | | | | | | |
| 1 | Orange County Line..... | R. R. Crossing (East)..... | 5510 | 3.02 | | | | |
| 2 | R. R. Crossing (East)..... | R. R. Crossing (West)..... | 5510A | 0.43 | | | | |
| 3 | R. R. Crossing (West)..... | Sullivan Co. Club..... | 5510 | 5.10 | | | | |
| 4 | Sullivan Co. Club..... | Neversink River (East)..... | 5457 | 3.68 | | | | |
| 5 | Neversink River (East)..... | Bridgeville..... | 5457A | 0.72 | | | | |
| 6 | Bridgeville..... | Monticello: E. Corp. Line..... | 5457 | 2.80 | | | | |
| 7 | Monticello: E. Corp. Line..... | Monticello: W. Corp. Line..... | 5490 | 1.56 | | | | |
| 8 | Monticello: W. Corp. Line..... | Kinne Brook..... | 5025 | 2.48 | | | | |
| 9 | Kinne Brook..... | Liberty Town Line..... | 5322 | 4.16 | | | | |
| 10 | Thompson Town Line..... | Liberty: So. Corp. Line..... | 5322 | 4.29 | | | | |
| 11 | Liberty: So. Corp. Line..... | Liberty: No. Corp. Line..... | 5296 | 1.37 | | | | |
| 12 | Liberty: No. Corp. Line..... | Livingston Manor..... | 5323 | 8.53 | | | | |
| 13, 14 | Livingston Manor..... | Delaware County Line..... | 5224 | 8.44 | | | | |
| County total..... | | | | 46.64 | 46.64 | | | |

STATE ROUTE No. 4 — Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| DELAWARE COUNTY | | | | | | | | |
| 1-3 | Sullivan County Line | Horton | 5340 | 6.84 | | | | |
| 4-6 | Horton | East Branch Bridge | 5383 | 7.21 | | | | |
| 7 | East Branch Bridge | Tyler Switch | 5246 | 6.48 | | | | |
| 8 | Tyler Switch | Hancock: W. Corp. Line | 5456 | 6.91 | | | | |
| 9, 10 | Hancock: W. Corp. Line | Deposit: Myrtle Ave. | 5167 | 8.60 | | | | |
| 11 | Deposit: Myrtle Ave. | Deposit: Del. River Bridge | 5045 | 2.95 | | | | |
| 11A | Deposit: Myrtle Ave. | Deposit: Del. River Br. | 5045 | 0.08 | | | | |
| 12 | Deposit: Del. River Br. | Broome County Line | 5338 | 0.38 | | | | |
| County total | | | | 39.45 | | | | |
| BROOME COUNTY | | | | | | | | |
| 1 | Delaware County Line | Deposit: W. Corp. Line | 5338 | 0.85 | | | | |
| 2 | Deposit: W. Corp. Line | Ouquaga Station | 265 | | 2.78 | | | |
| 3 | Ouquaga Station | Gulf Summit Road | 5338 | 2.92 | | | | |
| 5 | Gulf Summit Road | Windsor: W. Corp. Line | 5338 | 9.53 | | | | |
| 6 | Windsor: W. Corp. Line | Oceanum | 5241 | 3.15 | | | | |
| 7 | Oceanum | W. Windsor | 5148 | 3.68 | | | | |
| 8 | W. Windsor | Park Bridge | 5022 | 3.01 | | | | |
| 8A | Park Bridge | Binghamton: E. Corp. Line | 137 | | 2.06 | | | |
| 9 | Binghamton: E. Corp. Line | Binghamton: State Hospital | 5390 | 0.83 | | | | |
| 10 | Binghamton: State Hospital | Binghamton: Alice St. | 5339 | 1.06 | | | | |
| 11 | Binghamton: Alice St. | Binghamton: Oak St. | City | | | 1.84 | | |
| 12 | Binghamton: Oak St. | Binghamton: W. Corp. Line | 5377 | 1.49 | | | | |
| 13 | Binghamton: W. Corp. Line | Lesterhire: So. Corp. Line | 444 | | 1.14 | | | |
| 14 | Lesterhire: So. Corp. Line | D. L. & W. R. R. (South) | 5377 | 0.17 | | | | 0.29 |
| | D. L. & W. R. R. (South) | D. L. & W. R. R. (North) | | | | | | 0.28 |
| | D. L. & W. R. R. (North) | Lesterhire: Main St. ext. | 5377 | | | | | |
| 15 | Lesterhire: Riverside Drive | Hooper | 125 | | 2.93 | | | |
| | Hooper | Union: E. Corp. Line | 174 | | 2.17 | | | |
| 16 | Union: E. Corp. Line | Susquehanna River Bridge | 5413 | 0.28 | | | | |
| | Susquehanna River Bridge | Mercersau Crossing | 420 | | 1.63 | | | |
| 17 | Mercersau Crossing | Harris Crossing | 5215 | 0.77 | | | | |
| 18 | Harris Crossing | Tioga County Line | 420 | | 1.22 | | | |
| County total | | | | 27.73 | 13.93 | 1.84 | | 0.48 |
| TIOGA COUNTY | | | | | | | | |
| 1-6 | Broome County Line | Owego: Court St. Bridge | 5215 | 9.95 | | | | |
| 7 | Owego: Court St. Bridge | Owego: Park and Main Sts. | 5257 | | | 0.18 | | |
| 8 | Owego: Park St. | Smithboro | 5257 | 9.71 | | | | |
| 9 | Smithboro | Wilsons | 5168 | 4.41 | | | | |
| | Wilsons | Swartwoods | 5429 | 0.67 | | | | |
| | Swartwoods | Hanna Corners | 5168 | 0.87 | | | | |
| 10 | Hanna Corners | Waverly: Main St. | 5049 | 2.56 | | | | |
| 11 | Waverly: Main St. | Waverly: E. End School | 5333 | 1.28 | | | | |
| 12 | Waverly: E. End School | Chemung County Line | 5299 | 0.97 | | | | |
| County total | | | | 30.42 | | 0.18 | | |
| CHEMUNG COUNTY | | | | | | | | |
| 1 | Tioga County Line | Wynkoop Creek | 5299 | 2.68 | | | | |
| 2, 3 | Wynkoop Creek | Lowman | 5218 | 4.27 | | | | |
| 4 | Lowman | Elmira: E. Corp. Line | 5048 | 2.5 | | | | |
| 5 | Elmira: E. Corp. Line | Elmira: Madison Ave. | 5297 | 5.47 | | | | |
| 6 | Elmira: E. Water St. | Elmira: Division St. | 5392 | 0.76 | | | | |
| 7 | Elmira: Lake St. | Elmira: No. Corp. Line | 1196 | | 1.14 | | | |
| 9 | Elmira: No. Corp. Line | Elmira Heights: So. Corp. L. | 357 | | 0.03 | | | |
| 10 | Elmira Heights: So. Corp. L. | Elmira Heights: No. Corp. L. | 725 | | 0.89 | | | |
| 11 | Elmira Heights: No. Corp. L. | Horseheads: So. Corp. Line | 357 | | 1.49 | | | |
| 12 | Horseheads: So. Corp. Line | Horseheads: W. Corp. Line | 5162 | 0.90 | | | | |
| 12-15 | Horseheads: W. Corp. Line | Steuben County Line | 358 | | 7.08 | | | |
| County total | | | | 18.67 | 10.68 | 1.40 | | |

STATE ROUTE No. 4—Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------|-------------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEBEN COUNTY | | | | | | | | |
| 1 | Chemung County Line..... | Corning: Chemung River..... | 742 | | 4.33 | | | |
| 2 | Corning: Chemung River..... | Corning: Conhocton St..... | 5401 | 0.26 | | | | |
| | Corning: Conhocton St..... | Corning: Flint Ave..... | | | | 1.71 | | |
| | Corning: Flint Ave..... | Corning: W. Corp. Line..... | 5401 | 0.59 | | | | |
| 3, 4 | Corning: W. Corp. Line..... | | 5026 | 3.48 | | | | |
| 5 | | | 5094 | 2.49 | | | | |
| 6-8 | | Addison: So. Corp. Line..... | 5349 | 5.11 | | | | |
| 9-11 | Addison: So. Corp. Line..... | Jasper..... | 5253 | 17.07 | | | | |
| 12, 13 | Jasper..... | Canisteo: North St..... | 5348 | 12.82 | | | | |
| 14 | Canisteo: North St..... | Hornell: So. Corp. Line..... | 5212 | 3.94 | | | | |
| 15 | Hornell: So. Corp. Line..... | Hornell: St. James Hospital..... | 5353 | 0.13 | | | | |
| 16 | Hornell: St. James Hospital..... | Hornell: Main and Wash. Sts..... | | | | 1.22 | | |
| 17 | Hornell: Main and Wash. Sts..... | Hornell: W. Corp. Line..... | 5342 | 0.55 | | | | |
| 18 | Hornell: W. Corp. Line..... | Allegany County Line..... | 5255 | 3.85 | | | | |
| | | | | 50.29 | 4.33 | 2.93 | | |
| | Also: Addison Vil.: Main St..... | Addison Vil.: Erie Depot..... | 5349 | 0.15 | | | | |
| | County total..... | 57.70 | | 50.44 | 4.33 | 2.93 | | |
| ALLEGANY COUNTY | | | | | | | | |
| 1-4 | Steuben County Line..... | Andover: No. Corp. Line..... | 5502 | 12.06 | | | | |
| 5 | Andover: No. Corp. Line..... | Andover: W. Corp. Line..... | 5410 | 1.51 | | | | |
| 6 | Andover: W. Corp. Line..... | Wellsville: E. Corp. Line..... | 5481 | 7.22 | | | | |
| 7 | Wellsville: E. Corp. Line..... | Wellsville: So. Main St..... | 5483 | 0.76 | | | | |
| | Wellsville: E. Dyke St..... | Wellsville..... | | | | 1.23 | | |
| 8 | Wellsville..... | Amity Town Line..... | 5129 | 4.50 | | | | |
| 9 | Scio Town Line..... | Belmont: W. Corp. Line..... | 5476 | 4.66 | | | | |
| 10, 11 | Belmont: W. Corp. Line..... | Friendship: E. Corp. Line..... | 5341 | 6.80 | | | | |
| 12 | Friendship: E. Corp. Line..... | P. S. & N. R. R., East..... | 5312 | 1.16 | | | | |
| | P. S. & N. R. R., East..... | P. S. & N. R. R., West..... | 5312-B | 0.17 | | | | |
| 13 | P. S. & N. R. R., West..... | Hubbell Corner..... | 5312 | 4.75 | | | | |
| 14 | Hubbell Corner..... | Cuba: Genesee St..... | 5174 | 2.32 | | | | |
| 15 | Cuba: Main St..... | Cuba: Penn. R. R..... | R110 | 0.20 | | | | |
| 16 | Cuba: Genesee St..... | Cattaraugus County Line..... | 5174 | 1.69 | | | | |
| | | | | 47.63 | | 1.23 | | |
| | Also: Cuba: Genesee St..... | Cuba: Erie R. R..... | 5174 | 0.35 | | | | |
| | County total..... | 49.41 | | 47.98 | | 1.23 | | |
| CATTARAUGUS COUNTY | | | | | | | | |
| 1 | Allegany County Line..... | Boyington Corner..... | 5174 | 0.12 | | | | |
| 2, 3 | Boyington Corner..... | Olean Town Line..... | 5137 | 8.77 | | | | |
| 4 | Hindale Town Line..... | Olean: No. Corp. Line..... | 5066 | 2.94 | | | | |
| 5 | Olean: No. Corp. Line..... | Olean: No. Union St..... | 5099 | 0.36 | | | | |
| 6 | Olean: Main St..... | Olean: West State Street..... | | | | 0.65 | | |
| 7 | Olean: No. Union St..... | Olean: 15th St..... | | | | 0.95 | | |
| 8 | Olean: 15th St..... | Allegany: Second St..... | 631 | 3.0 | | | | |
| 9 | Allegany: Second St..... | Vandalia..... | 5264 | 4.50 | | | | |
| 10 | Vandalia..... | Carrollton..... | 5430 | 3.88 | | | | |
| | Carrollton..... | Killbuck..... | 5418 | 4.41 | | | | |
| | Killbuck..... | Salamanca: Erie R.R..... | 5265 | 1.07 | | | | |
| | Salamanca: Erie R. R..... | Salamanca: Main St..... | | | | 0.72 | | |
| | Salamanca: Wildwood St..... | Salamanca: Broad St..... | | | | 0.24 | | |
| | Salamanca: Main St..... | Salamanca: Frank St..... | | | | 0.34 | | |
| 11 | Salamanca: Frank St..... | Little Valley Town Line..... | 5265 | 3.23 | | | | |
| 12 | Salamanca Town Line..... | Napoli Town Line..... | 5259 | 6.83 | | | | |
| 13 | Little Valley Town Line..... | Napoli..... | | | | | | 4.00 |
| 14 | Napoli..... | East Randolph..... | | | | | | 3.10 |
| 15 | East Randolph..... | Chautauqua County Line..... | 5258 | 6.74 | | | | |
| | County total..... | 56.89 | | 42.85 | 3.06 | 2.85 | | 7.80 |

* Not included in total.

STATE ROUTE No. 4 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|--------------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CHAUTAUQUA COUNTY | | | | | | | | |
| 1, 2 | Cattaraugus County Line..... | Poland Center..... | 5151 | 5.19 | | | | |
| 3 | Poland Center..... | Elliot Town Line..... | 5053 | 2.54 | | | | |
| 4 | Poland Town Line..... | Falconer: E. Corp. Line..... | 698 | | 1.03 | | | |
| 5 | Falconer: E. Corp. Line..... | Jamestown: E. Corp. Line..... | 5097 | 1.06 | | | | |
| 6 | Jamestown: E. Corp. Line..... | Jamestown: W. 8th St..... | 5301 | | | 2.30 | | |
| 7 | Jamestown: W. 8th St..... | Jamestown: W. Corp. Line..... | 5201 | 1.48 | | | | |
| 8 | Jamestown: W. Corp. Line..... | Bemus Pt.: So. Corp. Line..... | 5217 | 7.96 | | | | |
| 9 | Bemus Pt.: So. Corp. Line..... | Starr Farm..... | 5245 | 5.95 | | | | |
| 10 | Starr Farm..... | Mayville: Main St..... | 5263 | 5.47 | | | | |
| 10½ | Mayville: Chautauqua St..... | Mayville: No. Corp. Line..... | 5596 | 0.83 | | | | |
| 11 | Mayville: No. Corp. Line..... | Westfield: So. Corp. Line..... | 5434 | 4.48 | | | | |
| 12 | Westfield: So. Corp. Line..... | Westfield: Main St..... | 5320 | 1.07 | | | | |
| County total..... | | | 39 53 | 36.00 | 1.03 | 2.30 | | |
| Route totals..... | | | | 364 30 | 37 53 | 15.03 | | 17.28 |

Total miles in Route No. 4..... 434.14

STATE ROUTE No. 4A

Beginning at the city of Binghamton, on route number four, running thence northerly and northwesterly to Whitney Point, running thence northwesterly along the Tioughnioga river, by way of Lisle and Killawog, through a point to be determined by the highway commission on the dividing line between Broome and Cortland counties, to Marathon, and from thence through Messengerville and Blodgett Mills, to Cortland, as determined by the commission, connecting therewith route number nine.

Amended by L. 1911, ch. 807.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|-------------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| BROOME COUNTY | | | | | | | | |
| | Binghamton: Route 4..... | Chemung Forks..... | Rt. 8 | *0.82 | *4.64 | *0.63 | | *5.80 |
| 1-3 | Chemung Forks..... | Itasca..... | | | | | | 5.43 |
| 3-4 | Itasca..... | Whitney Pt.: So. Corp. L..... | | | | | | 3.00 |
| 5-7 | Whitney Pt.: So. Corp. L..... | Whitney Pt.: No. Corp. L..... | | | | | | 2.05 |
| 8 | Whitney Pt.: No. Corp. L..... | Lisle: So. Corp. Line..... | | | | | | 1.00 |
| 9-11 | Lisle: So. Corp. Line..... | Lisle: East Corp. Line..... | | | | | | 0.70 |
| 12 | Lisle: East Corp. Line..... | Cortland County Line..... | | | | | | 4.40 |
| County total..... | | | 16.58 | | | | | 16.58 |
| CORTLAND COUNTY | | | | | | | | |
| 1 | Broome Co. Line..... | Marathon: So. Corp. Line..... | 5595 | 1.90 | | | | |
| 2 | Marathon: So. Corp. Line..... | Messengerville..... | 5595 | 1.85 | | | | |
| 3 | Messengerville..... | Snyder Hill..... | | | | | | 2.20 |
| 4 | Messengerville..... | Blodgett Mills..... | | | | | | 3.50 |
| 5 | Snyder Hill..... | | | | | | | 3.60 |
| 6 | Blodgett Mills..... | | | | | | | 1.80 |
| 7 | | Cortland: E. Corp. Line..... | 111 | | 0.75 | | | |
| 8 | Cortland: E. Corp. Line..... | Cortland: Port Watson St..... | City | | | 0.40 | | |
| | Cortland: _____ St..... | Cortland: Main St., Rt. 9..... | Rt. 10 | | | *0.95 | | |
| County total..... | | | 16.00 | 3.75 | 0.75 | 0.40 | | 11.10 |
| Route totals..... | | | | 3.75 | 0.75 | 0.40 | | 27.68 |

Total miles in Route No. 4A..... 32.58

* Not included in total.

STATE ROUTE No. 4B

Beginning at a point on route number four to be determined by the commission, at or near Canisteo, in the county of Steuben, running thence southerly by way of Greenwood to Rexville; running thence southerly and westerly to a point to be determined by the commission on the dividing line between the counties of Steuben and Allegany; and running thence southerly and westerly to Whitesville, Allegany county.

Amended by L. 1912, ch. 474.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|-------------------------------|--------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEBUEN COUNTY | | | | | | | | |
| 1 | Canisteo: Hornell St., Rt. 4. | Hartsville Road | 5537 | 1.72 | | | | 3.66 |
| 2 | Hartsville Road | Bennett Creek | | | | | | 1.44 |
| 3 | Bennett Creek | N. Y. & P. R. R. | | | | | | 3.61 |
| 4 | N. Y. & P. R. R. | Greenwood: Bennett Creek | | | | | | 3.40 |
| 5 | Greenwood: Bennett Cr. | Rexville | | | | | | 2.56 |
| 6 | Rexville | N. Y. & P. R. R. | | | | | | 3.97 |
| 7 | N. Y. & P. R. R. | Allegany County Line | | | | | | |
| | County total..... 23.86 | | | 1.72 | | | | 18.64 |
| ALLEGANY COUNTY | | | | | | | | |
| 1 | Steuben County Line..... | Whitesville..... | | | | | | 2.19 |
| | County total..... 2.19 | | | | | | | 2.19 |
| | Route totals..... | | | 1.72 | | | | 20.83 |
| Total miles in Route No. 4B..... | | | | | | | | 22.55 |

STATE ROUTE No. 5

Commencing at the city of Kingston, running thence to a point on the boulevard to be erected by the city of New York near the present village of West Hurley, thence northerly and westerly by the way of Woodstock, Bearsville and Pine Hill, to a point to be determined by the commission, on the dividing line between Delaware and Ulster counties, running thence westerly to Margaretville, running thence northerly by the way of Roxbury to Grand Gorge, running thence northerly westerly to a point to be determined by the commission, on the dividing line between Schoharie and Delaware counties, running thence northwesterly and westerly to a point to be determined by the commission, on the dividing line between Delaware and Schoharie counties, running thence northwesterly and westerly by the way of Harpersfield, North Kortright and Davenport, to a point to be determined by the commission, on the dividing line between Otsego and Delaware counties, running thence to Oneonta, Otsego county, running thence northeasterly along route number seven to Colliers; running thence northerly in Otsego county by the way of Cooperstown and Richfield Springs to a point to be determined by the commission, on the dividing line between Herkimer and Otsego counties; running thence northerly to Mohawk connecting with route number six.

Amended by L. 1910, ch. 573.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------|--------------------------|--------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | ULSTER COUNTY | | | | | | | |
| | Route No. 3, Albany Ave. | Kingston: No. Corp. Line | City | | | 1.00 | | |
| 1 | Kingston: No. Corp. Line | West Hurley | 5172 | 4.96 | | | | |
| 2 | West Hurley | Woodstock Road | N. Y. C. | | | 2.40 | | |
| 3 | Glenford Road | Woodstock | 5570 | 2.91 | | | | |
| 4 | Woodstock | Bearsville | 37 | | 2.39 | | | |
| 5 | Bearsville | Wittenberg | | | | | | 3.39 |
| 6 | Wittenberg | Beechford | | | | | | 3.58 |
| 7 | Beechford | Mt. Pleasant | 16 | | | | | |
| 8 | Mt. Pleasant | Phoenix | 16 | | 5.45 | | | |

STATE ROUTE No. 5 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|---------------------------------|---|--|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ULSTER COUNTY — Concluded | | | | | | | | |
| 9 | Phoenicia..... | Allaben..... | 117 | | 5.09 | | | |
| 10 | Allaben..... | Big Indian..... | 31 | | 5.72 | | | |
| 11 | Big Indian..... | Pine Hill: So. Corp. Line..... | 31 | | | | | |
| 12 | Pine Hill: So. Corp. Line..... | Delaware County Line..... | 5177 | 2.30 | | | | |
| | (Note: N.Y.C., New York City) | | | | | | | |
| | County total..... | 39.10 | | 10.17 | 18.65 | 3.40 | | 6.88 |
| DELAWARE COUNTY | | | | | | | | |
| 1 | Ulster County Line..... | Griffin Corners..... | 5177 | 1.34 | | | | |
| 2 | Griffin Corners..... | Fleischmanns..... | 36 | | 1.57 | | | |
| 3 | Fleischmanns..... | Margaretville: E. Corp. L..... | 239 | | 4.96 | | | |
| 4 | Margaretville: E. Corp. L..... | Halcottville..... | 5384 | 6.13 | | | | |
| 5 | Halcottville..... | Roxbury..... | 5450 | 6.09 | | | | |
| 6 | Roxbury..... | Roxbury: E. Branch Bridge..... | 216 | | 0.75 | | | |
| 7 | Roxbury: E. Branch Bridge..... | Grand Gorge Station..... | 5459 | 5.66 | | | | |
| 8 | Grand Gorge Station..... | Grand Gorge..... | 217 | | 1.00 | | | |
| 9 | Grand Gorge..... | Schoharie County Line..... | 5343 | 3.42 | | | | |
| | (Continued Below) | | | | | | | |
| SCHOHARIE COUNTY | | | | | | | | |
| 1 | Delaware County Line (Town of Roxbury)..... | Delaware County Line (Town of Stamford)..... | 5343 | 2.65 | | | | |
| DELAWARE COUNTY — Concluded | | | | | | | | |
| 9A | Schoharie County Line..... | Stamford: E. Corp. Line..... | 5343 | 1.18 | | | | |
| 10 | Stamford: E. Corp. Line..... | Stamford: W. Corp. Line..... | 5343 | 1.34 | | | | |
| 10A | Stamford: W. Corp. Line..... | Harpersfield..... | 5343 | 3.48 | | | | |
| 11 | Harpersfield..... | North Kortright..... | 5443 | 3.64 | | | | |
| 11A | North Kortright..... | Davenport Town Line..... | 5443 | 3.03 | | | | |
| 12 | Kortright Town Line..... | Davenport..... | 5443 | 3.10 | | | | |
| 12A | Davenport..... | Davenport Center..... | 5443 | 4.65 | | | | |
| 13, 14 | Davenport Center..... | Otsego County Line..... | 5455 | 5.39 | | | | |
| | County total..... | 56.73 | | 48.45 | 8.28 | | | |
| OTSEGO COUNTY | | | | | | | | |
| 1 | Delaware County Line..... | Oneonta: Luther St..... | 5455 | 2.50 | | | | |
| 2 | Oneonta: Luther St..... | Route No. 7: Chestnut St..... | City | | | 0.39 | | |
| | Oneonta: Chestnut St..... | Colliers..... | Rt. 7 | 1.36 | *3.12 | *0.86 | | |
| 3 | Colliers..... | Milford Center..... | 318 | | 2.03 | | | |
| 4, 5 | Milford Center..... | Milford: So. Corp. Line..... | 674 | | 5.90 | | | |
| 6 | Milford: So. Corp. Line..... | Milford: Main St..... | 783 | | 0.83 | | | |
| 7 | Milford: Main St..... | Hartwick Seminary..... | 5445 | | | | | |
| 8 | Hartwick Seminary..... | Cooperstown: So. Corp. L..... | 5445 | 7.78 | | | | |
| 9A, B | Cooperstown: So. Corp. L..... | Cooperstown: No. Corp. L..... | | | | | | 1.50 |
| 10 | Cooperstown: No. Corp. L..... | Fly Creek..... | | | | | | 2.10 |
| 11 | Fly Creek..... | Exeter Town Line..... | | | | | | 4.10 |
| 12 | Otsego Town Line..... | Lake View Point..... | | | | | | 3.50 |
| 13 | Lake View Point..... | Trout Brook Bridge..... | 5037 | 3.50 | | | | |
| 14 | Trout Brook Bridge..... | Richfield Spgs.: Mai: St..... | 5624 | 0.66 | | | | |
| | Richfield Spgs.: Prospect St..... | Richfield Spgs.: Church St..... | 1409 | | | | 0.40 | |
| 15 | Richfield Spgs.: Main St..... | Herkimer County Line..... | 5624 | 0.38 | | | | |
| | County total..... | 35.07 | | 14.82 | 8.26 | 0.39 | 0.40 | 11.20 |
| HERKIMER COUNTY | | | | | | | | |
| 1, 2 | Otsego County Line..... | Jordanville..... | 5524 | 5.27 | | | | |
| 3 | Jordanville..... | Paines Hollow..... | 5584 | 4.18 | | | | |
| 4 | Paines Hollow..... | Ford Creek..... | 5579 | | | | 4.48 | |
| 5 | Ford Creek..... | Mohawk: So. Corp. Line..... | 5579 | | | | 2.07 | |
| 6 | Mohawk: So. Corp. Line..... | Mohawk..... | 5631 | 0.71 | | | | |
| 7 | Mohawk..... | Mohawk: Main St., Rt. 6..... | Village | | | 0.05 | | |
| | County total..... | 16.76 | | 10.16 | | 0.05 | 6.55 | |
| | Route totals..... | | | 86.25 | 35.19 | 8.84 | 6.95 | 18.08 |
| Total miles in Route No. 5..... | | | | | | | | 150.31 |

* Not included in total.

STATE ROUTE No. 5A

Commencing at a point on route number three, in the village of Catskill; thence northwesterly to the village of Cairo; thence by South Durham through East Windham to the village of Windham; thence westerly through the villages of Ashland and Prattsville to a point, to be determined by the commission, on the dividing line between Greene and Delaware counties.

Amended by L. 1911, ch. 616.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------|--------------------------------------|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| GREENE COUNTY | | | | | | | | |
| 1 | Catskill: Bridge and Main St. Rt. 3. | Catskill: Summit Ave. | Village | | | 0.40 | | |
| 2 | Catskill: Summit Ave. | Catskill: No. Corp. Line. | | | | | | 0.45 |
| 3 | Catskill: No. Corp. Line. | Leeds | 613 | | 2.70 | | | |
| 4 | Leeds | Cairo Town Line | 613 | | 2.90 | | | |
| 5 | Catskill: Town Line | Cairo: Purling Road | 887 | | 3.15 | | | |
| 6 | Cairo: Purling Road | Cairo: Durham Road | 954 | | 0.46 | | | |
| 7, 8 | Cairo | Sunnyside Road | 5233 | 3.39 | | | | |
| 9 | Sunnyside Road | South Durham | 5462 | 2.44 | | | | |
| 10, 11 | South Durham | Windham Town Line | | | | | | 4.30 |
| 12 | Durham Town Line | Union Society (Brooksburg) | 5583 | | | | 3.34 | |
| 13 | Union Society (Brooksburg) | Brooklyn | 5583 | | | | 1.43 | |
| 14 | Brooklyn | Windham | 797 | | 1.54 | | | |
| 15 | Windham | East Ashland | | | | | | 2.40 |
| 16 | East Ashland | Ashland | | | | | | 1.80 |
| 17, 18 | Ashland | Batavia Kill Bridge | 5491 | 5.18 | | | | |
| 19 | Batavia Kill Bridge | Prattsville and Del. Co. Line | 886 | | 2.29 | | | |
| Route totals | | | | 11.01 | 13.04 | 0.40 | 4.77 | 8.95 |
| Total miles in Route No. 5A | | | | | | | | 38.17 |

STATE ROUTE No. 5B

Commencing at a point on route number five-a, in the village of Cairo, in the county of Greene; thence westerly through the village of East Durham to the village of Durham; thence northerly to a point to be determined by the commission on the dividing line between Greene and Albany counties; thence northerly to the village of Cooksburg, and connecting therewith with a highway heretofore improved by the state leading from Potter's Hollow to such village.

Amended by L. 1911, ch. 784.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|-------------------------|-------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| GREENE COUNTY | | | | | | | | |
| 1 | Cairo, Rt. 5A..... | Durham Town Line..... | | | | | | 4.00 |
| 2 | Cairo Town Line..... | East Durham..... | | | | | | 3.00 |
| 3 | East Durham..... | Durham Center..... | | | | | | 2.40 |
| 4 | Durham Center..... | Durham..... | | | | | | 2.80 |
| 5 | Durham..... | Albany County Line..... | | | | | | 1.80 |
| County total..... | | | 13.90 | | | | | 13.90 |
| ALBANY COUNTY | | | | | | | | |
| 1 | Greene County Line..... | Cooksburg..... | | | | | | 0.70 |
| County total..... | | | 0.70 | | | | | 0.70 |
| Route totals..... | | | | | | | | 14.60 |
| Total miles in Route No. 5B..... | | | | | | | | 14.60 |

STATE ROUTE No. 5C .

Commencing in the village of Palenville, so-called, on the northerly side of the creek at a point where the Kaaterskill road intersects the Catskill-Tannersville highway in the town of Catskill, Greene county; thence westerly through the Kaaterskill clove to a point where the easterly entrance leading to Twilight park intersects said Catskill-Tannersville highway, and over a route to be determined by the commission.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------|-----------------|-------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | | | | | | | | |
| GREENE COUNTY | | | | | | | | |
| 1, 2 | Palenville..... | Haines Falls..... | 5588 | | | | 3.93 | |

Total miles in Route No. 5C..... 3.93

STATE ROUTE No. 6

Commencing at a point to be determined by the commission at the city of Albany, running thence northwesterly to a point to be determined by the commission, on the dividing line between Schenectady and Albany counties, running thence northwesterly to the city of Schenectady, running thence northwesterly from the city of Schenectady to a point to be determined by the commission, on the dividing line between Montgomery and Schenectady counties, to the city of Amsterdam, thence crossing the Mohawk river to the south side, thence along the south side through Fort Hunter to the village of Fultonville, thence across the river to the north side, running thence westerly and northwesterly through Montgomery county by the way of Fonda and St. Johnsville, to a point at or near East Creek, on the dividing line between Herkimer and Montgomery counties, running thence westerly and northwesterly by the way of Little Falls and Herkimer, from Herkimer westerly by the way of Mohawk, Ilion and Frankfort to a point to be determined by the commission, on the dividing line between Herkimer and Oneida counties, and thence to the city of Utica, running thence westerly from the city of Utica to Oneida, on the dividing line between Madison and Oneida counties, running thence westerly by the way of Chittenango, to a point to be determined by the commission on the dividing line between Onondaga and Madison counties, running thence westerly by the way of Fayetteville, to the city of Syracuse, running thence from the city of Syracuse by the way of Camillus and Elbridge, to a point to be determined by the commission, on the dividing line between Cayuga and Onondaga counties, running thence southwesterly to the city of Auburn, running thence from the city of Auburn to a point to be determined by the commission on the dividing line between Seneca and Cayuga counties, running thence westerly to Seneca Falls, thence southerly through the village of Seneca Falls to the south side of Seneca lake outlet, thence westerly on the south side of Seneca lake outlet to a point at the foot of Seneca lake, running thence westerly to a point to be determined by the commission on the dividing line between Ontario and Seneca counties, running thence westerly to Geneva, running thence westerly from Geneva to Canandaigua, running thence westerly to a point to be determined by the commission, on the dividing line between Livingston and Ontario counties, running thence westerly by the way of Avon and Caledonia, to a point to be determined by the commission, on the dividing line between Genesee and Livingston counties, running thence westerly by the way of Batavia, to a point to be determined by the commission, on the dividing line between Erie and Genesee counties, running thence westerly to the city of Buffalo, Erie county.

Amended by L. 1910, ch. 573.

Amended by L. 1911, ch. 472.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------|-------------------------------|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ALBANY COUNTY | | | | | | | | |
| 1 | Albany: W. Corp. Line..... | Guilderland..... | 5155 | 5.37 | | | | |
| 2 | Guilderland..... | Schenectady County Line..... | 5636 | | | | 3.93 | |
| | County total..... | | 9.30 | 5.37 | | | 3.93 | |
| SCHENECTADY COUNTY | | | | | | | | |
| 1 | Albany County Line..... | Schenectady: So. Corp. L..... | | | | | | 2.35 |
| 2 | Schenectady: So. Corp. L..... | Schenectady: Weaver St..... | City | | | 1.40 | | |
| 2A | Schenectady: Weaver St..... | Schenectady: Dock St..... | City | | | 0.40 | | |

STATE ROUTE No. 6—Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- tract | Approximate mile- age to be built |
|------------------------------|-------------------------------|-------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| SCHENECTADY COUNTY—Concluded | | | | | | | | |
| 2B | Schenectady: Dock St. | Schenectady: No. Corp. L. | City | | | 0.60 | | |
| 3 | Scotia: So. Corp. Line | Scotia: Riverside Ave. | 5132 | 0.51 | | | | |
| | Scotia: Riverside Ave. | Scotia: Ballston Ave. | Village | | | 0.22 | | |
| | Scotia: Ballston Ave. | Scotia: No. Corp. Line | 5132 | 0.76 | | | | |
| 4 | Scotia: No. Corp. Line | R. R. Crossing (South) | 5030 | 1.85 | | | | |
| 5 | R. R. Crossing (South) | R. R. Crossing (North) | 5110 | 0.17 | | | | |
| 6 | R. R. Crossing (North) | Wyatts | 5030 | 0.19 | | | | |
| 7 | Wyatts | Montgomery County Line | 5110 | 5.19 | | | | |
| County total..... | | | | 13.54 | 8.67 | 2.62 | | 2.25 |
| MONTGOMERY COUNTY | | | | | | | | |
| 1 | Schenectady County Line | Cranesville | 5126 | 2.24 | | | | |
| 2 | Cranesville | Amsterdam: E. Corp. Line | 180 | | 2.82 | | | |
| 3 | Amsterdam: E. Corp. Line | Amsterdam: St. | City | | | 0.25 | | |
| 3A | Amsterdam: St. | Amsterdam: W. Corp. Line | City | | | 2.00 | | |
| 4 | Amsterdam: W. Corp. Line | Ft. Hunter, Schohar. Cr. Br. | City | | | 1.00 | | |
| 5 | Amsterdam: W. Corp. Line | Ft. Hunter, Schohar. Cr. Br. | | | | | | 3.80 |
| 6 | Ft. Hunter, Schohar. Cr. Br. | Aurietown | | | | | | 2.00 |
| 7 | Aurietown | Fultonville: So. Corp. Line | | | | | | 2.70 |
| 8 | Fultonville: So. Corp. Line | Fultonville: Main St. | | | | | | 0.50 |
| 8A | Fultonville: Church St. | Fonda: Main St. | 864 | | 0.63 | | | |
| 8B | Fonda: Bridge St. | Fonda: W. Corp. Line | | | | | | 0.75 |
| 9 | Fonda: W. Corp. Line | | 155 | | 2.49 | | | |
| 10 | | | 5125 | 4.00 | | | | |
| 11 | | Palatine Bridge: E. Corp. L. | 5124 | 4.25 | | | | |
| 12-14 | Palatine Bridge: E. Corp. L. | Nelliston: No. Corp. Line | 5123 | 4.06 | | | | |
| 15 | Nelliston: No. Corp. Line | St. Johnsville: E. Corp. Line | 5109 | 4.79 | | | | |
| 16, 17 | St. Johnsville: E. Corp. Line | East Can. Ck. Br.: E. End | 5028 | 3.73 | | | | |
| County total..... | | | | 42.00 | 23.06 | 5.94 | 3.25 | 9.75 |
| HERKIMER COUNTY | | | | | | | | |
| 1 | East Can. Ck. Br.: E. End | Little Falls: E. Corp. Line | 5159 | 0.17 | | | | |
| 1A | | Little Falls: Alexander St. | 456 | | 5.24 | | | |
| 2 | Little Falls: E. Corp. Line | Little Falls: Alexander St. | 5105 | 1.28 | | | | |
| 3 | Little Falls: Alexander St. | Little Falls Paper Co. | City | | | 1.40 | | |
| 4 | Little Falls Paper Co. | Little Falls: W. Corp. Line | 5105 | 0.17 | | | | |
| 5 | Little Falls: W. Corp. Line | W. Canada Creek: E. Side | 457 | | 5.16 | | | |
| 5A | W. Canada Creek: E. Side | Herkimer: W. Canada Creek | 5411 | 0.09 | | | | |
| 6 | Herkimer: W. Canada Creek | Herkimer: Power Canal | 5060 | 0.38 | | | | |
| 7 | Herkimer: Power Canal | Herkimer: Fair Ground Rd. | Village | | | 0.45 | | |
| 8 | Herkimer: Fair Ground Rd. | Herkimer: W. Corp. Line | 5060 | 0.25 | | | | |
| 9 | Herkimer: W. Corp. Line | Mohawk: Erie Canal | | | | | | 0.10 |
| 10 | Mohawk: Erie Canal | Ilion: E. Corp. Line | 5170 | 1.35 | | | | |
| 11 | Mohawk: W. Corp. Line | Ilion: Otsego St. | 5161 | 0.83 | | | | |
| 12 | Ilion: Otsego St. | Ilion: Union St. | Village | | | 0.08 | | |
| 13 | Ilion: Union St. | Ilion: W. Corp. Line | 5161 | 0.68 | | | | |
| 14, 15 | Ilion: W. Corp. Line | Frankfort: W. Corp. Line | 5219 | 2.47 | | | | |
| 16 | Frankfort: W. Corp. Line | | 14 | | 1.11 | | | |
| 17 | | | 359 | | 1.89 | | | |
| 18 | | Utica City: E. Corp. Line | 5209 | 3.07 | | | | |
| County total..... | | | | 26.17 | 10.74 | 13.49 | 1.93 | 0.10 |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Herkimer County Line | Utica: Bleeker St. | 5395 | 0.38 | | | | |
| 1A | Utica: Bleeker St. | Utica: So. Corp. Line | City | | | 4.70 | | |
| 1B | Utica: W. Corp. Line | New Hartford: E. Corp. Line | 250 | | 1.20 | | | |
| 2 | New Hartford: E. Corp. Line | New Hartford: W. Corp. Line | 5052 | 0.65 | | | | |
| 3 | New Hartford: W. Corp. Line | Lairdsville | 250 | | 7.25 | | | |
| 4 | Lairdsville | Russell Corners | 271 | | 4.01 | | | |
| 5 | Russell Corners | Gray Corners | 140 | | 0.72 | | | |
| 5A | Gray Corners | Vernon: E. Corp. Line | 271 | | 0.45 | | | |
| 6 | Vernon: E. Corp. Line | Vernon: W. Corp. Line | 5034 | 0.60 | | | | |
| 5A | Vernon: W. Corp. Line | Sherrill: E. Corp. Line | 271 | | 2.17 | | | |
| 6B | Sherrill: E. Corp. Line | Sherrill: W. Corp. Line | 271 | | 0.78 | | | |
| 7 | Sherrill: W. Corp. Line | Oneida Community Road | 271 | | 0.93 | | | |
| 7A | Oneida Community Road | | 139 | | 0.10 | | | |
| 7B | | Oneida Castle: E. Corp. L. | 271 | | 0.16 | | | |
| 8 | Oneida Castle: E. Corp. Line | Oneida Castle: Madison Co. L. | 5034 | 0.81 | | | | |
| County total..... | | | | 24.91 | 2.44 | 17.77 | 4.70 | |

STATE ROUTE No. 6 — Continued

| Section number | FROM | TO | Highway number | Miles Completed | | | con- tract | Approximate mil- le- age to be built |
|-------------------|-----------------------------|-----------------------------|----------------|-----------------|--------|-----------------------|------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| MADISON COUNTY | | | | | | | | |
| 1 | Oneida County Line | Oneida: Lenox Ave. | 5078 | 2.56 | | | | |
| 2, 3 | Oneida: Seneca Ave. | Sullivan Town Line | 726 | | 5.84 | | | |
| 4 | Lenox Town Line | Chittenango: E. Corp. Line | 5014 | 3.19 | | | | |
| 5 | Chittenango: E. Corp. Line | Onondaga County Line | 5120 | 3.31 | | | | |
| County total..... | | | | 9.06 | 5.84 | | | |
| ONONDAGA COUNTY | | | | | | | | |
| 6 | Madison County Line | Mycenae | 555 | | 0.85 | | | |
| 1 | Mycenae | Fayetteville: E. Corp. Line | 5625 | | | | | 3.94 |
| 2 | Fayetteville: E. Corp. Line | Fayetteville: W. Corp. Line | | | | | | 0.89 |
| 3 | Fayetteville: W. Corp. Line | De Witt | 5587 | | | | 2.50 | |
| 4 | De Witt | Syracuse: E. Corp. Line | 5587 | | | | 2.25 | |
| | Syracuse: E. Corp. Line | Syracuse: — St. | 5587 | | | | 0.37 | |
| | Syracuse: — St. | Syracuse: W. Corp. Line | City | | | 4.57 | | |
| 5 | Syracuse: W. Corp. Line | Solvay: W. Corp. Line | 5396 | 0.69 | | | | |
| 6 | Solvay: W. Corp. Line | Camillus Town Line | 132 | | 1.13 | | | |
| 7 | Geddes Town Line | Camillus Hill | 5016 | 3.09 | | | | |
| 8, 9 | Camillus Hill | Camillus: Elm St. | 5318 | 1.18 | | | | |
| 10 | Camillus: Elm St. | Hallstead Corners | 5143 | 5.02 | | | | |
| 11 | Hallstead Corners | Elbridge: W. Corp. Line | 5080 | 2.49 | | | | |
| 12 | Elbridge: W. Corp. Line | Cayuga County Line | 487 | | 2.09 | | | |
| County total..... | | | | 12.47 | 4.07 | 4.57 | 5.12 | 4.83 |
| CAYUGA COUNTY | | | | | | | | |
| 1, 2 | Onondaga County Line | Auburn: No. Corp. Line | 592 | | 5.57 | | | |
| 3 | Auburn: No. Corp. Line | Auburn: Franklin St. | 5101 | 1.43 | | | | |
| 4 | Auburn: Franklin St. | Auburn: Wall St. | City | | | 0.90 | | |
| 5 | Auburn: State St. | Auburn: W. Corp. Line | City | | | 1.40 | | |
| 6 | Auburn: W. Corp. Line | Montesuma Town Line | 590 | | 7.96 | | | |
| 7 | Aurelius Town Line | Seneca County Line | 5042 | 0.34 | | | | 0.07 |
| County total..... | | | | 1.77 | 13.53 | 2.30 | | 0.07 |
| SENECA COUNTY | | | | | | | | |
| 1 | Cayuga County Line | Seneca Falls: Rumsey St. | 5042 | 2.92 | | | | 0.07 |
| 2 | Seneca Falls: Rumsey St. | Seneca Falls: W. Corp. Line | 5100 | 2.53 | | | | 0.66 |
| 3 | Seneca Falls: W. Corp. Line | Waterloo: E. Corp. Line | | | | | | 1.60 |
| 4 | Waterloo: E. Corp. Line | Waterloo: Fayette St. | | | | | | 1.00 |
| 5 | Waterloo: Fayette St. | Seneca River (East) | 5087 | 4.47 | | | | |
| 5A | Seneca River (East) | Seneca River (West) | 5087ca | | | | | 0.11 |
| 6 | Seneca River (West) | Geneva: E. Corp. Line | 5087 | 1.30 | | | | |
| County total..... | | | | 11.22 | | | | 3.38 |
| ONTARIO COUNTY | | | | | | | | |
| 1 | Geneva: E. Corp. Line | Geneva: No. Exchange St. | 5620 | 0.82 | | | | |
| 1A | Geneva: Lake St. | Geneva: Pulteney St. | City | | | 1.00 | | |
| 2 | Geneva: Pulteney St. | Presumption Road | 5473 | 1.30 | | | | |
| 3 | Presumption Road | Seneca Town Line | 333 | | 0.62 | | | |
| 4 | Seneca Town Line | Hopewell Town Line | 146 | | 5.62 | | | |
| 5 | Seneca Town Line | Canandaigua: E. Corp. Line | 207 | | 6.21 | | | |
| 6 | Canandaigua: E. Corp. Line | Canandaigua: Main St. | 5015 | 1.18 | | | | |
| 6A | Canandaigua: — St. | Canandaigua: West Ave. | City | | | 0.90 | | |
| 7 | Canandaigua: Main St. | Canandaigua: W. Corp. Line | 5336 | 0.91 | | | | |
| 8 | Canandaigua: W. Corp. Line | Gunn Corners | 5576 | 4.69 | | | | |
| 9 | Gunn Corners | Black Corners | 188 | | 1.27 | | | |
| 10, 11 | Black Corners | W. Bloomfield School | 5081 | 5.26 | | | | |
| 12 | W. Bloomfield School | W. Bloomfield Brook | 5041 | 1.23 | | | | |
| 12A | W. Bloomfield Brook | W. Bloomfield: North Ave. | 485 | | 0.17 | | | |
| 12B | W. Bloomfield: North Ave. | Livingston County Line | 5041 | 1.17 | | | | |
| County total..... | | | | 16.56 | 13.89 | 1.90 | | |

STATE ROUTE No. 6 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- tract | Approximate mile- age to be built |
|-------------------|--------------------------------|--------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| LIVINGSTON COUNTY | | | | | | | | |
| 1 | Ontario County Line..... | Lima Reservoir..... | 5142 | 4.05 | | | | |
| 2 | Lima Reservoir..... | Genesee River..... | 5302 | 6.40 | | | | |
| 3-6 | Genesee River..... | Caledonia: Main St..... | 5273 | 6.28 | | | | |
| 7 | Caledonia: State St..... | Genesee County Line..... | 5021 | 2.95 | | | | |
| County total..... | | | 19.68 | | | | | |
| GENESEE COUNTY | | | | | | | | |
| 1 | Livingston County Line..... | LeRoy: E. Corp. Line..... | 5463 | 3.24 | | | | |
| 2 | LeRoy: E. Corp. Line..... | LeRoy: Wolcott St..... | | | | | | |
| 2A | LeRoy: Wolcott St..... | LeRoy: Lake St..... | Village | | | 1.70 | | |
| 3 | LeRoy: Lake St..... | LeRoy: W. Corp. Line..... | | | | | | |
| 4 | LeRoy: W. Corp. Line..... | Stafford..... | 5136 | 2.89 | | | | |
| 5 | Stafford..... | N. Y. C. R. R. Crossing (E.).. | 5145 | 4.44 | | | | |
| 5A | N. Y. C. R. R. Crossing (E.) | Batavia: New E. Corp. L..... | 5145A | 0.29 | | | | |
| 6 | Batavia: New E. Corp. L..... | Batavia: Old E. Corp. Line.. | 5493 | 0.27 | | | | |
| 7 | Batavia: Old E. Corp. Line.. | Batavia: Center St..... | 5399 | 1.09 | | | | |
| | Batavia: Center St..... | Batavia: Ellicott St..... | City | | | 0.32 | | |
| | Batavia: Ellicott St..... | Batavia: Old W. Corp. L..... | 5399 | 0.88 | | | | |
| 8 | Batavia: Old W. Corp. L..... | Batavia: New W. Corp. L..... | 586 | 0.11 | | | | |
| | Batavia: New W. Corp. L..... | East Pembroke..... | 586 | 5.44 | | | | |
| 9 | East Pembroke..... | Will Corners..... | 5020 | 3.46 | | | | |
| 10, 11 | Will Corners..... | Erie County Line..... | 5090 | 4.46 | | | | |
| County total..... | | | 28.79 | | | | | |
| ERIE COUNTY | | | | | | | | |
| 1 | Genesee County Line..... | Clarence..... | 131 | 6.58 | | | | |
| 2 | Clarence..... | Transit Road..... | 130 | 5.63 | | | | |
| 3 | Transit Road..... | Williamsville: E. Corp. Line.. | 87 | 1.93 | | | | |
| 4 | Williamsville: E. Corp. Line.. | Williamsville: W. Corp. Line.. | 5061 | 1.08 | | | | |
| 5 | Williamsville: W. Corp. Line.. | Buffalo: E. Corp. Line..... | 69 | 3.42 | | | | |
| County total..... | | | 18.64 | | | | | |
| Route totals..... | | | 143.36 | 97.55 | 23.29 | 9.05 | 20.38 | |

STATE ROUTE No. 6A

Commencing at and intersecting route number six in the town of Tyre, in the county of Seneca, at a point known as Dutcher's Corners, thence westerly along the road known as the old free-bridge state road through the towns of Tyre and Junius to a point, to be determined by the commission, on the dividing line between the counties of Seneca and Ontario near the railroad station at West Junius on the Pennsylvania division of the New York Central and Hudson River railroad running from Lyons to Geneva; thence, passing such station, along said old free-bridge state road to the village of Phelps.

Amended by L. 1911, ch. 680.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------|----------------------------|----------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| 1 2 | SENECA COUNTY | | | | | | | |
| | Route 8, Dutcher's Corners | Magas | | | | | | 4.10 |
| | Magas | Comd. | | | | | | 3.20 |
| | Comd. | Ontario County Line | | | | | | 3.10 |
| | County total | | 10.40 | | | | | 10.40 |
| 1 2 | ONTARIO COUNTY | | | | | | | |
| | Seneca County Line | West Junius | | | | | | 0.80 |
| | West Junius | Phelps E. Corp. Line | 5437 | 3.72 | | | | |
| | County total | | 4.52 | 3.72 | | | | 0.80 |
| | Route totals | | | 3.72 | | | | 11.20 |
| Total miles in Route No. 6A | | | | | | | | 14.92 |

STATE ROUTE No. 7

Commencing at a point to be determined by the commission on the dividing line between the town of Binghamton in Broome county, and Pennsylvania, running thence northerly to the city of Binghamton; running thence northerly and northeasterly from the city of Binghamton on the east side of Chenango river, by the way of Port Crane, Sanitaria Springs and Harpursville, to Nineveh, on the dividing line between Chenango and Broome counties, running thence northeasterly along the dividing line between Chenango and Otsego counties, at or near Sidney, running thence northeasterly along the dividing line between Chenango and Otsego counties, running thence northerly on the line by way along the Susquehanna valley to Oneonta, running thence northerly from Oneonta to a point between Maryland and Worcester, to a point to be determined by the commission, on the dividing line between Schoharie and Otsego counties, running thence easterly by the way of Cobleskill to a point between Schoharie and Otsego counties, running thence easterly to a point at Thompson's Lake, known as Secor's Church, thence to the top of the present so-called "Indian Ladder" road, thence in a southerly direction to the city of Albany, and thence to New Scotland, Slingerlands, and to the city of Albany.

Amended by L.

751.

| Highway number | MILES COMPLETED | | | Miles under tract | Approximate mileage to be built |
|----------------|-----------------|--------|---------------------|-------------------|---------------------------------|
| | State | County | Town or corporation | | |
| City | | | | 1.25 | |
| 5440 | 0.41 | | | 2.49 | |
| 5500 | 1.27 | | | | |
| 134 | | | 2.17 | | |
| 175 | | | 1.84 | | |
| 5242 | 2.04 | | | | |

STATE ROUTE No. 7 — Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- struction | Approximate mile- age to be built |
|---------------------------------|-----------------------------------|-----------------------------------|----------------|-----------------|--------|--------------------------|-------------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| BROOME COUNTY — Concluded | | | | | | | | |
| 9 | Fenton Town Line..... | D. & H. R. R. (W. Crossing)..... | 286 | ..... | 0.23 | ..... | ..... | ..... |
| 10 | D. & H. R. R. (W. Crossing)..... | D. & H. R. R. (E. Crossing)..... | 5242 | 0.62 | ..... | ..... | ..... | ..... |
| 10A | D. & H. R. R. (E. Crossing)..... | Sanitaria Springs..... | 266 | ..... | 0.60 | ..... | ..... | ..... |
| 11, 12 | Sanitaria Springs..... | Harpurville..... | 5243 | 8.82 | ..... | ..... | ..... | ..... |
| 13 | Harpurville..... | Railroad Crossing..... | 210 | ..... | 0.70 | ..... | ..... | ..... |
| 14 | Railroad Crossing..... | Harpurville Station..... | 5200 | 0.43 | ..... | ..... | ..... | ..... |
| 15 | Harpurville Station..... | Chenango County Line..... | 209 | ..... | 0.93 | ..... | ..... | ..... |
| County total..... | | | | 32.10 | ..... | ..... | ..... | ..... |
| | | | | 14.19 | 6.47 | 3.74 | ..... | 7.70 |
| CHENANGO COUNTY | | | | | | | | |
| 1 | Broome County Line..... | D. & H. R. R. Crossing (So.)..... | 5200 | 2.31 | ..... | ..... | ..... | ..... |
| 1A | D. & H. R. R. Crossing (So.)..... | D. & H. R. R. Crossing (No.)..... | ..... | ..... | ..... | ..... | ..... | 0.21 |
| 2 | D. & H. R. R. Crossing (No.)..... | Afton: Main St. Crossing..... | 5200 | 2.87 | ..... | ..... | ..... | ..... |
| 3 | Afton: Main St. Crossing..... | Afton Lake..... | 5261A | ..... | ..... | ..... | ..... | 0.73 |
| 4 | Afton Lake..... | Bainbridge: So. Corp. Line..... | 5261 | 4.43 | ..... | ..... | ..... | ..... |
| 4A | Bainbridge: So. Corp. Line..... | Railroad Crossing (E.)..... | ..... | ..... | ..... | ..... | ..... | 0.12 |
| 5 | Railroad Crossing (E.)..... | ..... | 5013 | 2.92 | ..... | ..... | ..... | ..... |
| 6 | ..... | Robbins Crossing (So.)..... | 5454 | 0.20 | ..... | ..... | ..... | ..... |
| 6A | Robbins Crossing (So.)..... | Robbins Crossing (No.)..... | R. R. | ..... | ..... | 0.18 | ..... | ..... |
| 7 | Robbins Crossing (No.)..... | ..... | 5013 | 0.70 | ..... | ..... | ..... | ..... |
| 8 | ..... | Unadilla River Bridge..... | 5216 | 1.06 | ..... | ..... | ..... | ..... |
| (Note: R.R., built by Railroad) |  |  |  | ..... | ..... | ..... | ..... | ..... |
| County total..... | | | | 15.72 | ..... | ..... | ..... | ..... |
| | | | | 14.49 | ..... | 0.18 | ..... | 1.05 |
| OTSEGO COUNTY | | | | | | | | |
| 1 | Unadilla: River Bridge..... | N. Y. O. & W. R. R., West..... | 708 | ..... | 0.19 | ..... | ..... | ..... |
| 2 | N. Y. O. & W. R. R., West..... | N. Y. O. & W. R. R., East..... | ..... | ..... | ..... | ..... | ..... | 0.49 |
| 2 | N. Y. O. & W. R. R., East..... | Unadilla: W. Corp. Line..... | 708 | ..... | 4.08 | ..... | ..... | ..... |
| 3-7 | Unadilla: W. Corp. Line..... | Unadilla: E. Corp. Line..... | 5202 | 1.93 | ..... | ..... | ..... | ..... |
| 8, 9 | Unadilla: E. Corp. Line..... | Wells Bridge..... | 5229 | 4.71 | ..... | ..... | ..... | ..... |
| 9 | Wells Bridge..... | Otego: Otadawa Road..... | 5183 | 4.61 | ..... | ..... | ..... | ..... |
| 10 | Otego: Otadawa Road..... | Otego: E. Corp. Line..... | 782 | ..... | 0.12 | ..... | ..... | ..... |
| 11 | Otego: E. Corp. Line..... | Oneonta Town Line..... | 675 | ..... | 3.34 | ..... | ..... | ..... |
| 12 | Otego Town Line..... | Shady Side..... | 317 | ..... | 2.70 | ..... | ..... | ..... |
| 13 | Shady Side..... | Oneonta: Kearney St..... | 675 | ..... | 0.63 | ..... | ..... | ..... |
| 14 | Oneonta: Kearney St..... | Oneonta: No. Sand St..... | City | ..... | 2.00 | ..... | ..... | ..... |
| 15 | Oneonta: No. Sand St..... | Oneonta: ——— St..... | 787 | ..... | 0.47 | ..... | ..... | ..... |
| 16 | Oneonta: ——— St..... | Emmons Corner..... | 162 | ..... | 1.39 | ..... | ..... | ..... |
| 17 | Emmons Corner..... | Millford Town Line..... | 316 | ..... | 1.26 | ..... | ..... | ..... |
| 18 | Millford Town Line..... | Colliersville..... | 5138 | 1.36 | ..... | ..... | ..... | ..... |
| 19 | Colliersville..... | Maryland..... | 5240 | 5.69 | ..... | ..... | ..... | ..... |
| 20 | Maryland..... | Schenevus: W. Corp. Line..... | 319 | ..... | 3.65 | ..... | ..... | ..... |
| 21, 22 | Schenevus: W. Corp. Line..... | Worcester: Decatur Creek..... | 5247 | 5.49 | ..... | ..... | ..... | ..... |
| 23 | Worcester: Decatur Creek..... | Worcester: Mill St..... | 220 | ..... | 0.71 | ..... | ..... | ..... |
| 24 | Worcester: Mill St..... | E. Worcester (Railroad)..... | 5247 | 4.71 | ..... | ..... | ..... | ..... |
| 25 | E. Worcester (Railroad)..... | Alford Corner..... | ..... | ..... | ..... | ..... | ..... | 0.25 |
| 26 | Alford Corner..... | Schoharie County Line..... | 5247 | 2.01 | ..... | ..... | ..... | ..... |
| County total..... | | | | 51.72 | ..... | ..... | ..... | ..... |
| | | | | 30.51 | 18.56 | 2.00 | ..... | 0.45 |
| SCHOHARIE COUNTY | | | | | | | | |
| 1 | Otsego County Line..... | Richmondville: W. Corp. L..... | 5458 | 3.23 | ..... | ..... | ..... | ..... |
| 2 | Richmondville: W. Corp. L..... | Cobleskill: W. Corp. Line..... | 5458 | 5.24 | ..... | ..... | ..... | ..... |
| 3 | Cobleskill: W. Corp. Line..... | Cobleskill: Elm St..... | 5458 | 0.44 | ..... | ..... | ..... | ..... |
| 4 | Cobleskill: Elm St..... | Cobleskill: Rose St..... | ..... | ..... | ..... | ..... | ..... | 0.28 |
| 5 | Cobleskill: Rose St..... | Cobleskill: East St..... | Village | ..... | ..... | 1.00 | ..... | ..... |
| 6 | Cobleskill: East St..... | Schoharie Town Line..... | 5286 | 4.70 | ..... | ..... | ..... | ..... |
| 7 | Cobleskill Town Line..... | Diets Corners..... | 5195 | 5.05 | ..... | ..... | ..... | ..... |
| 8 | Diets Corners..... | Wright Town Line..... | 5088 | 3.20 | ..... | ..... | ..... | ..... |
| 9 | Schoharie Town Line..... | Gallupville..... | 5088 | 1.85 | ..... | ..... | ..... | ..... |
| 9 | Gallupville..... | Albany County Line..... | 5039 | 3.34 | ..... | ..... | ..... | ..... |
| County total..... | | | | 28.20 | ..... | ..... | ..... | ..... |
| | | | | 27.05 | ..... | 1.00 | ..... | 0.29 |

STATE ROUTE No. 7 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|---------------------------------|----------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|--------|
| | | | | State | County | Town or corporation | | | |
| ALBANY COUNTY | | | | | | | | | |
| 1 | Schoharie County Line..... | West Berne..... | 5039 | 0.64 | | | | | |
| 2 | West Berne..... | Berne..... | 192 | | 2.74 | | | | |
| 3 | Berne..... | East Berne..... | 566 | | 3.60 | | | | |
| 4 | East Berne..... | Thompsons Lake..... | 5501 | 2.86 | | | | | |
| 5-6 | Thompsons Lake..... | New Salem..... | | | | | | 5.00 | |
| 7 | New Salem..... | New Scotland..... | 386 | | 4.62 | | | | |
| 8 | New Scotland..... | Slingerlands..... | 5010 | 1.96 | | | | | |
| 9-10 | Slingerlands..... | Albany: Old W. Corp. Line..... | 5237 | 4.23 | | | | | |
| County total..... | | | 25.67 | 9.71 | 10.96 | | | 5.00 | |
| Route totals..... | | | | 95.95 | 35.99 | 6.92 | | 14.60 | |
| Total miles in Route No. 7..... | | | | | | | | | 153.46 |

153.46

STATE ROUTE No. 7A

Commencing at the city of Schenectady on route number six and running southwesterly to Duaneburg, in the county of Schenectady; thence in a general southwesterly direction, along a course to be determined by the commission, to a point to be determined by the commission upon route number seven in the town of Schoharie in Schoharie county.

Amended by L. 1912, ch. 183.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------|---|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SCHENECTADY COUNTY | | | | | | | | |
| 1 | Schenectady: Helderberg Av., Rt. 6..... | Schenectady: Broadway..... | City | | | 0.20 | | |
| 2 | Schenectady: Broadway..... | Schenectady: W. Corp. L..... | City | | | 0.52 | | |
| 3 | Schenectady: W. Corp. L..... | So. Schenectady Road..... | 163 | | 0.58 | | | |
| 4 | So. Schenectady Road..... | Princetown Town Line..... | 880 | | 2.79 | | | |
| 5 | Rotterdam Town Line..... | Duanesburg Town Line..... | 5545 | | | | 3.96 | |
| 6 | Princetown Town Line..... | Duanesburg..... | 5545 | | | | 1.66 | |
| 7 | Duanesburg..... | Quaker St..... | 5551 | 3.34 | | | | |
| 8 | Quaker St..... | Quaker St. (West)..... | 105 | | 0.35 | | | |
| 9 | Quaker St. (West)..... | Schoharie County Line..... | 1029 | | 4.16 | | | |
| County total..... | | | 17.56 | 3.34 | 7.88 | 0.72 | 5.62 | |
| SCHOHARIE COUNTY | | | | | | | | |
| 1 | Schenectady County Line..... | Wright, State Route No. 7..... | 5619 | 2.73 | | | | |
| County total..... | | | 2.73 | 2.73 | | | | |
| Route totals..... | | | | 6.07 | 7.88 | 0.72 | 5.62 | |

20.20

STATE ROUTE No. 8

Commencing at the city of Binghamton, running thence northerly on the west side of the Chenango river to Chenango Forks, on the dividing line between Chenango and Broome counties, running thence along the west bank of the Chenango river to North Norwich, running thence northerly by the way of Sherburne to Earlville, on the dividing line between Madison and Chenango counties, running thence northerly by the way of Hamilton and Bouckville, to a point at or near Oriskany Falls, on the dividing line between Oneida and Madison counties, running thence northeasterly by the way of Deansboro to a point to be determined by the commission connecting with route number six.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under tract | Approximate mileage to be built |
|---------------------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|-------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| BROOME COUNTY | | | | | | | | |
| 1 | Route No. 4, Binghamton | Binghamton: Gaines St. | City | | | 0.63 | | |
| 2 | Binghamton: Gaines St. | Binghamton: No. Corp. L. | 5413 | 0.82 | | | | |
| 4 | Binghamton: No. Corp. L. | Chenango Town Line | 47 | | 1.76 | | | |
| 5 | Dickinson Town Line | Hinmans Corners | 126 | | 1.95 | | | |
| 6 | Hinmans Corners | Chenango Bridge | 268 | | 0.80 | | | |
| 7 | Chenango Bridge | Chenango Fks.: D. L. & W. R. R. | | | | | | 5.95 |
| 8 | Chenango Fks.: D. L. & W. R. R. | Tioughnioga River Br. | 274 | | 0.12 | | | |
| 9 | Tioughnioga River Br. | Chenango County Line | 375 | | 0.62 | | | |
| County total..... | | | | 12.50 | 0.82 | 5.25 | 0.63 | 5.80 |
| CHENANGO COUNTY | | | | | | | | |
| 1 | Broome County Line | Greene: So. Corp. Line | 5565 | 6.80 | | | | |
| 2 | Greene: So. Corp. Line | Davidsons Corners | 5565 | 0.98 | | | | |
| 3-5 | Davidsons Corners | Tyner Road | 8002 | | | | | 5.57 |
| 6-8 | Tyner Road | Norwich: American Ave. | 5414 | 9.64 | | | | 5.87 |
| 9 | Norwich: American Ave. | Norwich: Rexford St. | City | | | 0.47 | | |
| 10 | Norwich: Rexford St. | Norwich: Borden Ave. | 5057 | 0.51 | | | | |
| 11 | Norwich: Borden Ave. | Norwich: No. Corp. Line | 806 | | 0.03 | | | |
| 12 | Norwich: No. Corp. Line | D. L. & W. R. R. | 505 | | 4.59 | | | |
| 13, 14 | D. L. & W. R. R. | Sherburne: South St. | 5121 | 6.20 | | | | |
| 15 | Sherburne: South St. | Sherburne: Church St. | 5391 | 0.40 | | | | |
| 16 | Sherburne: Church St. | The Mill Forks | 5121 | 0.63 | | | | |
| 17 | The Mill Forks | Earlville: So. Corp. Line | 5568 | 3.98 | | | | |
| 18 | Earlville: So. Corp. Line | Madison County Line | 5585 | | | | 0.57 | |
| County total..... | | | | 46.30 | 29.18 | 4.62 | 0.47 | 0.59 |
| | | | | | | | | 11.44 |
| MADISON COUNTY | | | | | | | | |
| 1 | Chenango County Line | Earlville: No. Corp. Line | 5585 | | | | 0.76 | |
| 2, 3 | Earlville: No. Corp. Line | Hamilton: So. Corp. Line | 5585 | | | | 4.83 | |
| 4 | Hamilton: So. Corp. Line | Hamilton: No. Corp. Line | 5492 | 1.52 | | | | |
| 5, 6 | Hamilton: No. Corp. Line | Bouckville | 5492 | 4.27 | | | | |
| 7 | Bouckville | Madison: E. Corp. Line | 5380 | 2.45 | | | | |
| 8 | Madison: E. Corp. Line | Oneida County Line | 5447 | 3.35 | | | | |
| County total..... | | | | 17.18 | 11.59 | | 5.59 | |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Madison County Line | Oriskany Falls: Main St. | | | | | | 0.57 |
| 2 | Oriskany Falls: Madison St. | Oriskany Falls: E. Corp. L. | 5385 | 0.35 | | | | |
| 3 | Oriskany Falls: E. Corp. L. | Deansboro | 5406 | 3.91 | | | | |
| 4 | Deansboro | Franklin Springs | 781 | | 8.00 | | | |
| | Franklin Springs | Kirkland: Route No. 6 | 5442 | 3.47 | | | | |
| | | | | | 7.76 | 3.00 | | 0.57 |
| Also: | | | | | | | | |
| | Oriskany Falls: Madison St. | Madison County Line | 5385 | 0.71 | | | | |
| County total..... | | | | 12.04 | 8.47 | 3.00 | | 0.57 |
| Route totals..... | | | | | 50.05 | 12.87 | 1.10 | 6.18 |
| | | | | | | | | 17.31 |
| Total miles in Route No. 8..... | | | | | | | | 88.02 |

STATE ROUTE No. 8A

Commencing at the New York State Women's Relief Corps Home, near the village of Oxford, in the county of Chenango, running thence southerly and westerly to and into the village of Oxford, and connecting with route number eight therein, upon and along the existing public highway between such points.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|---------------------------------------|----------------------------|----------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CHENANGO COUNTY | | | | | | | | |
| 1, 2 | Oxford: Route 8..... | Oxford: Chenango River Br. | Village 5623 | | | 0.10 | | |
| | Oxford: Chenango River Br. | Soldier's Home..... | | | | 1.30 | | |
| | County total..... | | 1.40 | | | 0.10 | 1.30 | |
| | Route totals..... | | | | | 0.10 | 1.30 | |
| Total miles in Route No. 8A..... 1.40 | | | | | | | | |

STATE ROUTE No. 9

Commencing at a point to be determined by the commission, at or near Horseheads, Chemung county, New York, on route number four, running thence northerly and northeasterly by the way of Horseheads, Breesport and Erin to a point to be determined by the commission on the dividing line between Tioga and Chemung counties, running thence easterly and northeasterly by the way of North Spencer to a point to be determined by the commission on the dividing line between Tompkins and Tioga counties, running thence northerly to the city of Ithaca, running thence northeasterly by the way of a point to be determined by the commission at or near Dryden to a point to be determined by the commission on the dividing line between Cortland and Tompkins counties, running thence northeasterly to Cortland, thence northeasterly by the way of Truxton to a point to be determined by the commission on the dividing line between Madison and Cortland counties at or near De Ruyter, thence northerly to Cazenovia, thence easterly by the way of Morrisville to a point at or near Bouckville on route number eight.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|--------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CHEMUNG COUNTY | | | | | | | | |
| 1 | Horseheads: C'mang St., Rt. 4 | Horseheads: E. Corp. Line..... | 5162 | 0.92 | ..... | ..... | ..... | ..... |
| 2 | Horseheads: E. Corp. Line..... | Stermer Cora. (Rt. No. 39A)..... | 356 | ..... | 2.31 | ..... | ..... | ..... |
| 3 | Stermer Corners..... | Breesport..... | 356 | ..... | 3.38 | ..... | ..... | ..... |
| 4 | Breesport..... | Erin: Mill St..... | 356 | ..... | 3.48 | ..... | ..... | ..... |
| 5 | Erin: Mill St..... | VanEtten Town Line..... | ..... | ..... | ..... | ..... | ..... | 4.00 |
| 6 | Erin Town Line..... | Cayuta Creek..... | ..... | ..... | ..... | ..... | ..... | 2.62 |
| 7 | Cayuta Creek..... | Tioga County Line..... | ..... | ..... | ..... | ..... | ..... | 2.81 |
| County total..... | | | 19.52 | 0.92 | 9.17 | ..... | ..... | 9.48 |
| TIOGA COUNTY | | | | | | | | |
| 1 | Chemung County Line..... | Spencer: W. Corp. Line..... | ..... | ..... | ..... | ..... | ..... | 1.70 |
| 2 | Spencer: W. Corp. Line..... | Spencer: No. Corp. Line..... | ..... | ..... | ..... | ..... | ..... | 1.80 |
| 3 | Spencer: No. Corp. Line..... | North Spencer..... | ..... | ..... | ..... | ..... | ..... | 2.10 |
| 4 | North Spencer..... | Tompkins County Line..... | ..... | ..... | ..... | ..... | ..... | 1.90 |
| County total..... | | | 7.50 | ..... | ..... | ..... | ..... | 7.50 |
| TOMPKINS COUNTY | | | | | | | | |
| 1 | Tioga County Line..... | West Danby..... | ..... | ..... | ..... | ..... | ..... | 2.60 |
| 1A | West Danby..... | Stratton..... | 5567 | 2.85 | ..... | ..... | ..... | ..... |
| 2 | Stratton..... | Allbright Farm..... | 5379 | 2.27 | ..... | ..... | ..... | ..... |
| 2A | Allbright Farm..... | Felock Corner..... | 5567 | 0.20 | ..... | ..... | ..... | ..... |
| 2B | Felock Corner..... | Williams Corners..... | 5379 | 0.95 | ..... | ..... | ..... | ..... |
| 3 | Williams Corners..... | Enfield Road..... | 5214 | 0.57 | ..... | ..... | ..... | ..... |
| 4 | Enfield Road..... | Ithaca: So. Corp. Line..... | 454 | ..... | 8.06 | ..... | ..... | ..... |
| 5 | Ithaca: So. Corp. Line..... | Ithaca: Mill St..... | City | ..... | ..... | 0.90 | ..... | ..... |

STATE ROUTE No. 9 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| TOMPKINS COUNTY — Concluded | | | | | | | | |
| 6 | Ithaca: Mill St. | Ithaca: University Ave. | City | | | 0.35 | | |
| 7 | Ithaca: University Ave. | Ithaca: E. Corp. Line. | City | | | 1.40 | | |
| 8 | Ithaca: E. Corp. Line. | Varna. | 681 | | 2.43 | | | |
| 9 | Varna. | Snyder Corners. | 5225 | 0.53 | | | | |
| 9A | Snyder Corners. | Davis Corners. | 681 | | 2.29 | | | |
| 10 | Davis Corners. | Freeville: W. Corp. Line. | 5294 | 2.95 | | | | |
| 11 | Freeville: W. Corp. Line. | Dryden: North St. | 5294 | 3.74 | | | | |
| 12 | Dryden: ——— St. | Dryden: Main St. | 1002 | | 0.53 | | | |
| 13 | Dryden: North St. | Dryden: E. Corp. Line. | | | | | | 0.00 |
| 14 | Dryden: E. Corp. Line. | Cortland County Line. | | | | | | 1.48 |
| County total | | | | 29.67 | 14.06 | 8.31 | 2.65 | 4.65 |
| CORTLAND COUNTY | | | | | | | | |
| 1 | Tompkins County Line. | Virgil. | | | | | | 3.83 |
| 2 | Virgil. | Cortland Town Line. | 5424 | 3.18 | | | | |
| 3 | Virgil Town Line. | Cortland: So. Corp. Line. | 5424 | 2.78 | | | | |
| 3A | Cortland: So. Corp. Line. | Cortland: Lehigh Val. R. R. | 5506 | 0.23 | | | | |
| 2B | Cortland: Lehigh Val. R. R. | Cortland: Tioughnioga Creek. | City | | | 1.70 | | |
| 4 | Cortland: Tioughnioga Creek. | Cortland: No. Corp. Line. | 5075 | 0.53 | | | | |
| 5, 6 | Cortland: No. Corp. Line. | Truxton Town Line. | 738 | | 6.51 | | | |
| 7 | Homer Town Line. | Truxton: Catholic Church. | 737 | | 3.13 | | | |
| 8 | Truxton: Catholic Church. | Truxton: Baptist Church. | 40 | | 0.47 | | | |
| 9 | Truxton: Baptist Church. | Cuyler Town Line. | 737 | | 2.65 | | | |
| 10 | Truxton Town Line. | Maxon Creek. | 5141 | 0.85 | | | | |
| 11 | Maxon Creek. | Mill Creek. | 5292 | 0.87 | | | | |
| 10 | Mill Creek. | Brown Corners. | 5141 | 1.30 | | | | |
| 12 | Brown Corners. | Madison County Line. | 5472 | 2.11 | | | | |
| County total | | | | 30.13 | 11.85 | 12.76 | 1.70 | 3.83 |
| MADISON COUNTY | | | | | | | | |
| 1 | Cortland County Line. | DeRuyter: No. Corp. Line. | 5515 | 0.81 | | | | |
| 2 | DeRuyter: No. Corp. Line. | Sheds. | 5586 | | | | 4.86 | |
| 3 | Sheds. | New Woodstock. | 5586 | 3.05 | | | | |
| 4 | New Woodstock. | Casenovia: So. Corp. Line. | | | | | | 6.00 |
| 5 | Casenovia: So. Corp. Line. | Casenovia: E. Corp. Line. | | | | | | 1.61 |
| 6, 7 | Casenovia: E. Corp. Line. | Morrisville: W. Corp. Line. | 5329 | 10.11 | | | | |
| 8 | Morrisville: W. Corp. Line. | Morrisville: E. Corp. Line. | 5330 | 0.87 | | | | |
| 9 | Morrisville: E. Corp. Line. | Bouckville: Route No. 8. | 5330 | 4.76 | | | | |
| County total | | | | 32.07 | 19.63 | | 4.86 | 7.61 |
| Route totals | | | | | 46.43 | 30.24 | 4.35 | 4.88 |
| | | | | | | | | 23.01 |
| Total miles in Route No. 9 | | | | | | | | 118.80 |

STATE ROUTE No. 10

Beginning at the city of Syracuse, running thence southerly to a point to be determined by the commission on the dividing line between Cortland and Onondaga counties, running thence southerly by the way of Homer to Cortland, thence southeasterly by the way of McGrawville, Solon and Willet to a point to be determined by the commission on the dividing line between Chenango and Cortland counties, thence southeasterly by the way of Smithville Flats to Greene, thence easterly by the way of Coventry to Coventryville, thence southeasterly to Afton, connecting with route number seven.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------|----------------------------|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ONONDAGA COUNTY | | | | | | | | |
| 0 | Syracuse: Genesee St. | Syracuse: _____ | City | | | 3.28 | | |
| 1 | Syracuse: _____ | Syracuse: So. Corp. Line | 5365 | 0.26 | | | | |
| 2 | Syracuse: So. Corp. Line | East Onondaga | 5365 | 0.60 | | | | |
| 3 | East Onondaga | Dorwin Springs Road | 290 | | 1.06 | | | |
| 4 | Dorwin Springs Road | Lafayette Town Line | 5365 | 3.31 | | | | |
| 5 | Indian Reservation Line | Thomas Corners | 5365 | 2.70 | | | | |
| 6 | Thomas Corners | Lafayette | 76 | | 1.00 | | | |
| 7, 8 | Lafayette | Cortland County Line | 5516 | 8.73 | | | | |
| County total | | | | 20.94 | 15.60 | 2.06 | 3.28 | |
| CORTLAND COUNTY | | | | | | | | |
| 1, 2 | Onondaga County Line | Homer Town Line | 595 | | 5.42 | | | |
| 3, 4 | Preble Town Line | Homer: No. Corp. Line | 510 | | 4.17 | | | |
| 5 | Homer: No. Corp. Line | Homer: So. Corp. Line | 5058 | 2.01 | | | | |
| 6 | Homer: So. Corp. Line | Cortland: No. Corp. Line | 208 | | 0.53 | | | |
| 7 | Cortland: No. Corp. Line | Cortland: Main St. | City | | | 1.08 | | |
| 7A | Cortland: Cortland St. | Cortland: Port Watson St. | Rt. 9 | | | *0.26 | | |
| 8 | Cortland: Main St. | Cortland: East Corp. Line | City | | | 1.18 | | |
| 9 | Cortland: E. Corp. Line | McGrawville: W. Corp. Line | 378 | | 2.90 | | | |
| 10 | McGrawville: W. Corp. Line | Solon | 5436 | 4.71 | | | | |
| 11 | Solon | Taylor Valley | | | | | | 4.10 |
| 12 | Taylor Valley | Cincinnatus Town Line | | | | | | 3.50 |
| 13 | Taylor Town Line | Cincinnatus: W. Main St. | | | | | | 1.80 |
| 14 | Cincinnatus: Railroad St. | Cincinnatus: So. Main St. | 377 | | 0.31 | | | |
| 15 | Cincinnatus: W. Main St. | Willet Town Line | | | | | | 3.90 |
| 16 | Cincinnatus Town Line | Georgetown | | | | | | 2.40 |
| 17 | Georgetown | Chenango County Line | | | | | | 3.90 |
| County total | | | | 41.61 | 6.72 | 13.33 | 2.26 | 19.30 |
| CHENANGO COUNTY | | | | | | | | |
| 1 | Cortland County Line | Long Pond | | | | | | 1.80 |
| 2 | Long Pond | Smithville Flats | 5290 | 3.01 | | | | |
| 3 | Smithville Flats | Greene: No. Corp. Line | 218 | | 4.68 | | | |
| 4 | Greene: No. Corp. Line | Greene: E. Corp. Line | | | | | | 1.30 |
| 5 | Greene: E. Corp. Line | Coventry Town Line | | | | | | 3.60 |
| 6 | Greene Town Line | Coventry: Maple St. | | | | | | 3.30 |
| 7 | Coventry: Maple St. | Coventryville | | | | | | 2.30 |
| 8 | Coventryville | Afton Town Line | | | | | | 2.20 |
| 9 | Coventry Town Line | Afton: No. Corp. Line | | | | | | 3.80 |
| 10 | Afton: No. Corp. Line | Afton: Main St. (Route No. 7) | | | | | | 0.48 |
| County total | | | | 27.39 | 3.01 | 4.68 | | 19.70 |
| Route totals | | | | | 25.33 | 20.07 | 5.54 | 39.00 |
| Total miles in Route No. 10 | | | | | | | | 89.94 |

* Not included in total.

STATE ROUTE No. 11

Commencing at the city of Ithaca, running thence northerly to a point to be determined by the commission, on the dividing line between Cayuga and Tompkins counties, running thence northerly to the city of Auburn.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|-----------------------------|-----------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| TOMPKINS COUNTY | | | | | | | | | |
| 1 | Ithaca: Stewart Ave., Rt. 9 | Ithaca: No. Corp. Line | City | | | 0.53 | | | |
| 2 | Ithaca: No. Corp. Line | Lansing Town Line | 336 | | 1.57 | | | | |
| 3 | Ithaca Town Line | Esty Glen | 336 | | 1.60 | | | | |
| 4 | Esty Glen | South Lansing | 5256 | 3.10 | | | | | |
| 5 | South Lansing | Myers | 5627 | | | | | 2.46 | |
| 6-7 | Myers | Lake Ridge | | | | | | 0.50 | |
| 8 | Lake Ridge | Cayuga County Line | | | | | | 1.00 | |
| | | County total | 16.76 | 3.10 | 3.17 | 0.53 | | 9.96 | |
| CAYUGA COUNTY | | | | | | | | | |
| 1 | Tompkins County Line | King Ferry | | | | | | 2.75 | |
| 2 | King Ferry | Ledyard | 5525 | 2.23 | | | | | |
| 3 | Ledyard | Wheeler | 5525 | 2.35 | | | | | |
| 4 | Wheeler | Scipioville | 5244 | 3.73 | | | | | |
| 5 | Scipioville | Fleming Town Line | 5244 | 4.10 | | | | | |
| 6 | Scipio Town Line | Hales | 5244 | 3.69 | | | | | |
| 7 | Hales | Auburn: So. Corp. Line | 5012 | 2.75 | | | | | |
| 8 | Auburn: So. Corp. Line | Auburn: Swift St. | 5101 | 0.60 | | | | | |
| 9 | Auburn: Swift St. | Auburn: Outlet Cr. (Rt. No. 6) | City | | | 0.90 | | | |
| | | County total | 23.10 | 19.45 | | 0.90 | | 2.75 | |
| | | Route totals | | 22.55 | 3.17 | 1.43 | | 12.71 | |
| Total miles in Route No. 11 | | | | | | | | | 39.66 |

STATE ROUTE No. 12

Commencing at a point at or near Horseheads, at a point to be determined by the commission running thence northerly to a point to be determined by the commission, on the dividing line between Schuyler and Chemung counties, running thence northerly by the way of Watkins, to a point to be determined by the commission, on the dividing line between Yates and Schuyler counties, running thence northwesterly by the way of Dundee, to the village of Penn Yan, running thence northerly to a point on the dividing line between Ontario and Yates counties, running thence northerly to the city of Geneva, running thence northerly from the city of Geneva, to a point to be determined by the commission, on the dividing line between Wayne and Ontario counties, running thence northerly to Lyons, connecting with route number twenty.

| Section number | FROM | TO | Highway number | Miles COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------------------|---------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CHEMUNG COUNTY | | | | | | | | |
| 1 | Horseheads: Route No. 9 | Pine Valley: Catherine Cr | 5208 | 4.41 | | | | |
| 2 | Pine Valley: Catherine Cr | Schuyler County Line | 5208 | 4.39 | | | | 0.41 |
| County total | | | | 8.80 | | | | 0.41 |
| SCHUYLER COUNTY | | | | | | | | |
| 1, 2 | Chemung County Line | Fitzpatrick Road | 5208 | 3.18 | | | | |
| 3 | Fitzpatrick Road | Montour Falls | 5180 | 1.56 | | | | |
| 4 | Montour Falls | Watkins: So. Corp. Line | 5047 | 1.6 | | | | |
| 5, 6 | Watkins: So. Corp. Line | Watkins: No. Corp. Line | 5335 | 1.75 | | | | |
| 7-9 | Watkins: No. Corp. Line | Yates County Line | 5334 | | | | 6.79 | |
| (Continued Below) | | | | | | | | |
| YATES COUNTY | | | | | | | | |
| 1 | Schuyler County Line | Schuyler County Line | 5334 | | | | 0.41 | |
| (Continued Below) | | | | | | | | |
| SCHUYLER COUNTY — (Continued) | | | | | | | | |
| 10 | Yates County Line | Yates County Line | 5334 | | | | 0.65 | |
| County total | | | | 8.12 | | | 7.44 | |

STATE ROUTE No. 12 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|-------------------------------|-----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| YATES COUNTY — (Continued) | | | | | | | | |
| 1 | Schuyler County Line..... | Struble Corners..... | 5108 | 1.99 | | | | |
| 2 | | Struble Corners..... | 5128 | 2.68 | | | | |
| 3 | Struble Corners..... | Ovenshire Corners..... | 5324 | 3.50 | | | | |
| 4 | Ovenshire Corners..... | Milo Town Line..... | 5324 | 2.13 | | | | |
| 5 | Barrington Town Line..... | Second Milo..... | 5324 | 2.58 | | | | |
| 6 | Second Milo..... | Penn Yan: So. Corp. Line..... | 5324 | 2.68 | | | | |
| 7 | Penn Yan: So. Corp. Line..... | Penn Yan: No. Corp. Line..... | 5291 | 1.75 | | | | |
| 8 | Penn Yan: No. Corp. Line..... | Benton Center..... | 5323 | 3.05 | | | | |
| 9 | Benton Center..... | Ontario County Line..... | 5323 | 3.20 | | | | |
| County total..... 23.97 | | | | 23.56 | | | 0.41 | |
| ONTARIO COUNTY | | | | | | | | |
| 1 | Yates County Line..... | Halls Corners..... | 5323 | 1.90 | | | | |
| 2 | Halls Corners..... | Seneca..... | 535 | | 2.04 | | | |
| 3 | Seneca..... | Geneva Town Line..... | 535 | | 3.00 | | | |
| 4 | Seneca Town Line..... | Hamilton St. (Route No. 6)..... | 536 | | 1.01 | | | |
| 5, 6 | Preemption Road..... | Geneva: No. Exchange St..... | Rt. 6 | 1.30 | | 1.00 | | |
| 7 | Geneva: Lake St..... | Geneva: No. Corp. Line..... | City | | | 0.90 | | |
| 8 | Geneva: No. Corp. Line..... | East Cross..... | 534 | | 1.69 | | | |
| 9 | East Cross..... | West Junius..... | 5252 | 2.80 | | | | |
| 9, 10 | West Junius..... | Wayne County Line..... | 5252 | 4.57 | | | | |
| County total..... 17.91 | | | | 9.27 | 7.74 | 0.90 | | |
| WAYNE COUNTY | | | | | | | | |
| 1 | Ontario County Line..... | Lyons: Geneva St..... | 5503 | 2.90 | | | | |
| 2 | Lyons: Geneva St..... | Lyons: Montezuma St., Rt. 20..... | | | | | | 0.53 |
| County total..... 3.43 | | | | 2.90 | | | | 0.53 |
| Route totals..... | | | | 52.65 | 7.74 | 0.90 | 7.86 | 0.53 |
| Total miles in Route No. 12..... | | | | | | | | 70.08 |

* Not included in total.

STATE ROUTE No. 13

Commencing at Bath, Steuben county, running thence northeasterly by the way of Hammondsport to a point to be determined by the commission on the dividing line between Schuyler and Steuben counties, thence northeasterly to a point to be determined by the commission on the dividing line between Yates and Schuyler counties, thence northeasterly to Dundee on route number twelve.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|---------------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEUBEN COUNTY | | | | | | | | |
| 1 | Bath: Washington Ave..... | Bath: No. Corp. Line..... | 5517 | 0.86 | | | | |
| 2 | Bath: No. Corp. Line..... | Hermitage..... | 5517 | 3.41 | | | | |
| 3 | Hermitage..... | Hammondsport: So. Corp. L..... | 5496 | 3.48 | | | | |
| 4 | Hammondsport: So. Corp. L..... | North Urbana..... | | | | | | 8.38 |
| 5 | North Urbana..... | Wayne, Schuyler County L..... | | | | | | 5.10 |
| | County total..... | | 16.15 | 7.75 | | | | 8.40 |
| SCHUYLER COUNTY | | | | | | | | |
| 1 | Wayne, Steuben County Line..... | Yates County Line..... | | | | | | 2.60 |
| YATES COUNTY | | | | | | | | |
| 1 | Schuyler County Line..... | Wortman's Corner..... | | | | | | 2.84 |
| 2 | Wortman's Corner..... | State Route No. 12..... | | | | | | 1.67 |
| | County total..... | | 4.51 | | | | | 4.51 |
| | Route totals..... | | | 7.75 | | | | 15.51 |
| Total miles in Route No. 13..... | | | | | | | | 23.26 |

STATE ROUTE No. 14

Commencing at Corning, Steuben county, running thence northwesterly by the way of Bath Avoca to Cohocton, running thence northerly from Cohocton, to a point to be determined by the commission on the dividing line between Ontario and Steuben counties, running thence north-easterly to Naples, running thence northerly from Naples to a point to be determined by the commission, connecting with route number six, running thence along route number six, to Black's Corners, and from thence to Holcomb; running thence northwesterly to a point to be determined by the commission on the dividing line between Monroe and Ontario counties, thence northerly to Pittsford, thence westerly, then northerly to the city of Rochester.

Amended by L. 1910, ch. 648.

| Section number | FROM | TO | Highway number | Miles COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEBUEN COUNTY | | | | | | | | |
| 1-3 | Corning: W. Corp. Line. | Painted Post: Public Sq. | Rt. 4 | *1.05 | | | | |
| 4 | Painted Post: Public Sq. | Campbell..... | 5211 | 8.02 | | | | |
| 6 | Campbell..... | Savona..... | 5224 | 4.30 | | | | |
| 7 | Savona..... | School House Creek..... | 5224 | 4.21 | | | | |
| 8 | School House Creek..... | Bath: East Corp. Line. | 754 | | 1.45 | | | |
| 9, 10 | Bath: East Corp. Line. | Bath: McMaster St. | Village | | | 0.27 | | |
| 11 | Bath: McMaster St. | Bath: West Corp. Line. | 5350 | 1.89 | | | | |
| 12 | Bath: West Corp. Line. | Avoca Town Line..... | 5204 | 3.48 | | | | |
| 13 | Bath Town Line..... | Avoca: So. Corp. Line. | 5204 | 2.89 | | | | |
| 14-15 | Avoca: So. Corp. Line. | Avoca: No. Corp. Line. | 5351 | 1.50 | | | | |
| 16 | Avoca: No. Corp. Line. | Cohocton: So. Corp. Line. | 5564 | 5.90 | | | | |
| 17 | Cohocton: So. Corp. Line. | Cohocton: No. Corp. Line. | 5564 | 1.41 | | | | |
| 18 | Cohocton: No. Corp. Line. | Kirkwood..... | 5611 | 2.22 | | | | |
| | Kirkwood..... | Livingston Co. Line..... | 5611 | 3.53 | | | | |
| | | | | 39.31 | 1.45 | 0.27 | | |
| Also: | | | | | | | | |
| | Savona Four Corners..... | (D., L. & W. R. R. | 5224 | 0.92 | | | | |
| County total..... | | | | 40.27 | 1.45 | 0.27 | | |
| | | | | | | | | |
| ONTARIO COUNTY | | | | | | | | |
| 1 | Steuben County Line..... | Naples School No. 5..... | 5616 | 2.26 | | | | |
| 2 | Naples School No. 5..... | Naples: So. Corp. Line. | 204 | | 0.59 | | | |
| 3 | Naples: So. Corp. Line. | Naples: No. Corp. Line. | 5397 | 1.74 | | | | |
| 4 | Naples: No. Corp. Line. | Grierson Corner..... | 205 | | 2.04 | | | |
| 5 | Grierson Corner..... | Bristol Springs..... | | | | | | 2.09 |
| 5A | Bristol Springs..... | South Bristol..... | | | | | | 4.20 |
| 6 | South Bristol..... | Bristol Town Line..... | | | | | | 2.09 |
| 7 | So. Bristol Town Line..... | Bristol Center..... | | | | | | 3.71 |
| 8 | Bristol Center..... | Fabers Corners..... | | | | | | 2.97 |
| 9 | Fabers Corners..... | Gunn Corners..... | 188 | | 2.36 | | | |
| 9A | Gunn Corners..... | Black Corners..... | Rt. 6 | *1.27 | | | | |
| 10, 11 | Black Corners..... | Holcomb..... | 188 | | 1.20 | | | |
| | Holcomb..... | Monroe County Line..... | 5511 | 5.87 | | | | |
| County total..... | | | | 9.87 | 6.19 | | | 14.88 |
| MONROE COUNTY | | | | | | | | |
| 1 | Ontario County Line..... | Mendon..... | 5522 | 3.97 | | | | |
| 2, 3 | Mendon..... | Pittsford: So. Corp. Line. | 493 | | 6.19 | | | |
| 4 | Pittsford: So. Corp. Line. | Erie Canal, Pittsford..... | 5435 | 0.92 | | | | |
| 5 | Erie Canal, Pittsford..... | Rochester: Old E. Corp. Line | 94 | | 4.15 | | | |
| County total..... | | | | 4.89 | 10.34 | | | |
| Route totals..... | | | | 55.03 | 17.98 | 0.27 | | 14.88 |

* Not included in total.

STATE ROUTE No. 15

Commencing at the junction of Big Creek road and Seneca street road in the town of Hornells-ville, Steuben county, running thence northwesterly within the county of Steuben to and through the village of Arkport, and northerly, within such county, along the road on the easterly side of Arkport valley, known as Dansville road, through Doty's Corners and by way of the Stony Brook Glen road in the town of Dansville, Steuben county, to the Livingston county line; thence through the town of North Dansville in Livingston county to the village of Dansville; thence northerly to the intersection of Gibson and South streets; thence northeasterly along Gibson street to Main street; thence northwesterly along Main street to the intersection of Main and Exchange streets; thence southwesterly along Exchange and South streets to the intersection of South and Gibson streets, and from the intersection of Main and Exchange streets along the highway from Dansville to Groveland station on the east side of the Genesee valley through the towns of North Dansville, Sparta and Groveland to Groveland Station; thence northerly along the highway leading from Groveland station to Genesee on the east side of the Genesee valley in the town of Groveland to its intersection with the improved county highway running from Mount Morris to Genesee; thence westerly through the towns of Groveland and Mount Morris to the village of Mount Morris; thence through the village of Mount Morris northwesterly and northerly by the way of the villages of Moscow and York Center to a point on route number six in the village of Caledonia; thence easterly along route six to Canawaugus; thence northerly to a point to be determined by the commission on the dividing line between Livingston and Monroe counties, thence northerly to route sixteen in Scottsville.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|-----------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEBUEN COUNTY | | | | | | | | |
| 0 | Hornell: Main St. | P. R. & N. R. R. | City | | | 0.51 | | |
| 2A | P. R. & N. R. R. | Canisteo St. (New Location) | 5130 | 0.05 | | | | |
| 1 | Canisteo St. (Old Location) | Canisteo River Bridge | 5353 | 0.10 | | | | |
| 2 | Canisteo River Bridge | Big Creek Bridge | 5130 | 1.01 | | | | |
| 3 | Big Creek Bridge | Arkport | 5254 | 3.92 | | | | |
| 4, 5 | Arkport | Livingston County Line | 5352 | 10.37 | | | | |
| County total | | | | 15.45 | | 0.51 | | |
| LIVINGSTON COUNTY | | | | | | | | |
| 1 | Steuben County Line | Dansville: No. Corp. Line | 5398 | 2.87 | | | | |
| 2 | Dansville: No. Corp. Line | West Sparta Station | | | | | | 4.00 |
| 3 | West Sparta Station | Groveland Station | | | | | | 3.30 |
| 4 | Groveland Station | | | | | | | 3.40 |
| 5 | | Shaker Corners | | | | | | 3.40 |
| 6 | Shaker Corners | Mt. Morris: E. Corp. Line | 622 | | 1.66 | | | |
| 7 | Mt. Morris: E. Corp. Line | Mt. Morris: Main St. | 855 | | 0.47 | | | |
| 8 | Mt. Morris: Mill St. | Mt. Morris: No. Corp. Line | | | | | | 1.00 |
| 9 | Mt. Morris: No. Corp. Line | Moscow | | | | | | 2.70 |
| 10 | Moscow | Wadsworth | | | | | | 3.50 |
| 11 | Wadsworth | York | | | | | | 3.20 |
| 12 | York | Caledonia Town Line | 5593 | | | | 3.64 | |
| 13 | York Town Line | Caledonia: Main St., Rt. 6 | 5593 | | | | 4.05 | |
| 14 | Caledonia: Leicester Road | Canawaugus | Rt. 6 | 15.22 | | | | |
| 15 | Canawaugus, Rt. 6 | Monroe County Line | | | | | | 2.80 |
| | | | | 2.87 | 2.13 | | 7.69 | 29.30 |
| Also: | | | | | | | | |
| | Dansville: Gibson St. | Dansville: Main St. | 5398 | 1.53 | | | | |
| County total | | | | 4.40 | 2.13 | | 7.69 | 29.30 |
| MONROE COUNTY | | | | | | | | |
| 1 | Livingston County Line | Scottsville: Allen Creek | 5507 | 2.14 | | | | |
| 2 | Scottsville: Allen Creek | Scottsville: Cargill Hotel | 79 | | 0.05 | | | |
| 3 | Scottsville: Cargill Hotel | Scottsville: Cale's Ave., Rt. 16 | 5046 | 0.47 | | | | |
| County total | | | | 2.61 | 0.05 | | | |

*So in original.

† Not included in total.

STATE ROUTE No. 15 — Concluded

Also from the point where the street in the village of Arkport, Steuben county, intersects the north and south road leading from Hornell to Doty's Corners, running thence westerly about three-quarters of a mile, thence northwesterly and northerly to Van Scoters Corners, Allegany county, to connect with a proposed county highway in said county.
Amended by L. 1912, ch. 473.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|--------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| STEUBEN COUNTY | | | | | | | | |
| 3A | Arkport..... | Allegany County Line..... | 5532 | 2.67 | | | | |
| ALLEGANY COUNTY | | | | | | | | |
| 1 | Steuben County Line..... | Van Scoters Corners..... | 5532 | 2.58 | | | | |
| Route totals | | | | 27.71 | 2.18 | 0.51 | 7.69 | 29.30 |
| Total miles in Route No. 15..... | | | | 67.39 | | | | |

STATE ROUTE No. 16

Commencing at the village of Cuba, Allegany county, running thence northeasterly by the way of Belfast and Canadea, to a point to be determined by the commission, on the dividing line between Wyoming and Allegany counties, running thence northerly by the way of Pike, Gainesville and Rock Glen to Warsaw, running thence northerly to a point to be determined by the commission, on the dividing line between Genesee and Wyoming counties, running thence northerly to the village of Le Roy, running thence along route number six to Caledonia, running thence northerly to a point to be determined by the commission on the dividing line between Monroe and Livingston counties, running thence northerly by the way of Scottsville to the city of Rochester

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------------|------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ALLEGANY COUNTY | | | | | | | | |
| 1 | Cuba: Main St..... | Cuba: Water St..... | 5174 | 0.20 | | | | |
| 2 | Cuba: Water St..... | Seymour: Harbeck Farm..... | 5023 | 2.82 | | | | |
| 3 | Seymour: Harbeck Farm..... | Black Creek..... | | | | | | 2.40 |
| 4, 5 | Black Creek..... | Rockville..... | | | | | | 4.10 |
| 6 | Rockville..... | Belfast: Chestnut St..... | | | | | | 4.33 |
| 7 | Belfast: Chestnut St..... | Belfast: No. Corp. Line..... | 5615 | | | | 0.77 | |
| 8 | Belfast: No. Corp. Line..... | Canadea..... | 5615 | | | | 3.43 | |
| 9 | Canadea..... | Houghton..... | 5615 | | | | 3.20 | |
| 10 | Houghton..... | Stone's Corner..... | 5615 | | | | 1.70 | |
| 11 | Stone's Corner..... | Fillmore..... | 5518 | 2.40 | | | | |
| 12 | Fillmore..... | Wellers..... | 5518 | 2.35 | | | | |
| 13 | Wellers..... | Wyoming County Line..... | | | | | | 2.00 |
| County total..... 30.24 | | | | 7.77 | | | 9.07 | 13.40 |
| WYOMING COUNTY | | | | | | | | |
| 1 | Allegany County Line..... | Pike: No. Corp. Line..... | | | | | | 3.10 |
| 2 | Pike: No. Corp. Line..... | Gainesville Town Line..... | | | | | | 3.55 |
| 3 | Pike Town Line..... | Gainesville..... | | | | | | 2.10 |
| 4 | Gainesville..... | Parker Corner..... | 5400 | 2.92 | | | | |
| 5 | Parker Corner..... | Union Church..... | 5400A | 0.48 | | | | |
| 6 | Union Church..... | Warsaw: So. Corp. Line..... | 5400 | 3.45 | | | | |

STATE ROUTE No. 16 — Concluded

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under construction | Approximate mileage to be built |
|-------------------------------------|---------------------------------|-----------------------------------|----------------|-----------------|--------|---------------------|--------------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| WYOMING COUNTY — Concluded | | | | | | | | |
| 6 | Warsaw: So. Corp. Line..... | Warsaw: No. Corp. Line..... | 5400 | 2.52 | | | | |
| 7 | Warsaw: No. Corp. Line..... | Schoolhouse Corner..... | 5024 | 0.59 | | | | |
| 8 | Schoolhouse Corner..... | Matthews Creek..... | 5134 | 3.59 | | | | |
| 9 | Matthews Creek..... | Covington Town Line..... | 5410 | 2.39 | | | | |
| 10 | Middlebury Town Line..... | Pearl Creek..... | 5410 | 1.49 | | | | |
| 11 | Pearl Creek..... | Genesee County Line..... | 5024 | 2.08 | | | | |
| County total..... | | | | 19.51 | | | | 8.75 |
| GENESEE COUNTY | | | | | | | | |
| 1 | Wyoming County Line..... | D. L. & W. R. R., South..... | 5582 | 4.53 | | | | |
| 1A | D. L. & W. R. R., South..... | D. L. & W. R. R., North..... | R. R. | | | | | 0.33 |
| 2 | D. L. & W. R. R., North..... | LeRoy: So. Corp. Line..... | 5538 | 2.84 | | | | |
| 3 | LeRoy: So. Corp. Line..... | LeRoy: Main St..... | Village | | | 0.70 | | |
| | LeRoy: Wolcott St..... | Livingston County Line..... | Rt. 6 | *3.24 | | *0.80 | | |
| (Note: R.R., built by Railroad Co.) | | | | 7.37 | | 0.70 | | 0.33 |
| County total..... | | | | 8.39 | | | | |
| LIVINGSTON COUNTY | | | | | | | | |
| 1 | Genesee County Line..... | Caledonia: North St..... | Rt. 6 | *2.95 | | | | |
| | Caledonia: Main St..... | Monroe County Line..... | 5021 | 1.04 | | | | |
| County total..... | | | | 1.04 | | | | |
| MONROE COUNTY | | | | | | | | |
| 1 | Livingston County Line..... | Garbutt..... | 5046 | 4.94 | | | | |
| 2 | Garbutt..... | Lewis Corner..... | 5097 | 1.06 | | | | |
| 3 | Lewis Corner..... | Scottsville: Main St..... | 5046 | 0.83 | | | | |
| 3A | Scottsville: Caledonia Ave..... | Scottsville: McVeans..... | R. R. | | | 0.19 | | |
| 4 | Scottsville: McVeans..... | South Chili..... | 5279 | 2.70 | | | | |
| 5 | South Chili..... | Chili-Buckbee Road..... | 5279 | 3.93 | | | | |
| 6 | South Chili Road..... | Chili..... | 252 | | 0.46 | | | |
| 7 | Chili..... | Gates Town Line..... | 255 | | 2.56 | | | |
| 8 | Chili Town Line..... | Rochester: Old W. Corp. Line..... | 254 | | 3.11 | | | |
| (Note: R.R., built by Railroad Co.) | | | | 12.96 | 6.13 | 0.19 | | |
| County total..... | | | | 19.28 | | | | |
| Route totals..... | | | | 48.65 | 6.13 | 0.89 | 9.07 | 22.47 |
| Total miles in Route No. 16..... | | | | | | | | 87.31 |

* Not included in total.

STATE ROUTE No. 17

Commencing at a point to be determined by the commission on route number four at or near Hinsdale, running thence northerly by the way of Franklinville and Machias to a point to be determined by the commission near the dividing lines of Erie, Wyoming and Cattaraugus counties, running thence northwesterly by the way of East Aurora to the city of Buffalo.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under tract | Approximate mile- age to be built |
|------------------------------|---------------------------|---------------------------|----------------|-----------------|--------|-----------------------|-------------------|-----------------------------------|
| | | | | State | County | Town or cor- poration | | |
| CATTARAUGUS COUNTY | | | | | | | | |
| 1, 2 | Scott, Rt. 4. | Franklinville Town Line. | 5543 | | | | 6.98 | |
| 3, 4 | Ischua Town Line. | Farmersville Town Line. | 5544 | | | | 6.88 | |
| 5, 6 | Franklinville Town Line. | B. R. & P. R. R. | 5607 | | | | 4.73 | |
| 7 | B. R. & P. R. R. | Law Corner. | 5608 | | | | 2.17 | |
| 8 | Law Corner. | Yorkshire Center. | | | | | | 4.10 |
| 9 | Yorkshire Center. | Erie County Line. | | | | | | 8.70 |
| | | County total | 28.56 | | | | 20.76 | 7.80 |
| ERIE COUNTY | | | | | | | | |
| 1 | Cattaraugus County Line. | Hand Road. | | | | | | 3.79 |
| 2 | Hand Road. | Holland. | 5622 | | | | 5.19 | |
| 3 | Holland. | East Casenovia Creek. | 5453 | 4.52 | | | | |
| 4 | East Casenovia Creek. | East Aurora: Main St. | 5317 | 4.97 | | | | |
| 5 | East Aurora: Olean St. | East Aurora: P. R. R. | | | | 0.21 | | |
| 6 | East Aurora: P. R. R. | East Aurora: Buffalo St. | 5433 | 0.83 | | | | |
| 7 | East Aurora: Main St. | East Aurora: No. Corp. L. | 5550 | 0.59 | | | | |
| 8 | East Aurora: No. Corp. L. | Elma Town Line. | 264 | | 0.74 | | | |
| 9 | Aurora Town Line. | Seneca Town Line. | 263 | | 4.23 | | | |
| 10 | Elma Town Line. | Casenovia Creek (East). | 128 | | 4.12 | | | |
| 11 | Casenovia Creek (East). | Casenovia Creek (West). | | | | | | 0.20 |
| 12 | Casenovia Creek (West). | Pratt Corner. | 67 | | 0.68 | | | |
| 13 | Pratt Corner. | Buffalo: E. Corp. Line. | | | | | | 0.70 |
| | | County total | 30.82 | 10.96 | 9.77 | 0.21 | 5.19 | 4.60 |
| | | Route totals | | 10.96 | 9.77 | 0.21 | 25.95 | 12.40 |
| Total miles in Route No. 17. | | | | | | | | 59.38 |

STATE ROUTE No. 18

Commencing at a point to be determined by the commission, on the dividing line between Ripley, Chautauqua county, and the state of Pennsylvania, running thence northeasterly by the way of Westfield, Brocton, Fredonia, along the old Buffalo and Erie road, to a point to be determined by the commission, on the dividing line between Erie and Chautauqua counties, running thence northeasterly and northerly to the city of Buffalo, running thence northerly from the city of Buffalo to North Tonawanda, running thence northwesterly and westerly from North Tonawanda to the city of Niagara Falls, running thence northerly from Niagara Falls by the way of Lewiston to a point near the mouth of Niagara river, Niagara county.

Amended by L. 1911, ch. 89.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------|----------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | | | | | | | | |
| CHAUTAUQUA COUNTY | | | | | | | | |
| 1 | Pennsylvania State Line..... | Ripley..... | | | | | | 3.12 |
| 1A | Ripley..... | Forryth..... | | | | | | 3.62 |
| 2 | Forryth..... | Westfield: W. Corp. Line..... | | | | | | 3.22 |
| 2A | Westfield: W. Corp. Line..... | Westfield: Viaduct (W. End)..... | | | | | | 0.70 |
| | Westfield: Viaduct (W. End)..... | Westfield: Viaduct (E. End)..... | Town..... | | | 0.25 | | |
| | Westfield: Viaduct (E. End)..... | Westfield: E. Corp. Line..... | | | | | | 1.39 |
| 3 | Westfield: E. Corp. Line..... | Church Corners..... | | | | | | 2.23 |
| 3A | Church Corners..... | Brocton: W. Corp. Line..... | | | | | | 4.62 |

STATE ROUTE No. 18 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under construction | Approximate mileage to be built |
|----------------------------------|-----------------------------------|-----------------------------------|----------------|-----------------|--------|---------------------|--------------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CHAUTAUQUA COUNTY — Concluded | | | | | | | | |
| 3B | Brocton: W. Corp. Line..... | Brocton: E. Corp. Line..... | | | | | | 1.39 |
| 4 | Brocton: E. Corp. Line..... | Fredonia: W. Corp. Line..... | | | | | | 4.64 |
| 4A | Fredonia: W. Corp. Line..... | Fredonia: Spring St..... | | | | | | 1.32 |
| 4B | Fredonia: Spring St..... | Fredonia: D. A. V. & P. R. R..... | Village | | | 0.72 | | |
| 5 | Fredonia: D. A. V. & P. R. R..... | Roberts Road..... | 5262 | 2.15 | | | | |
| 6 | Roberts Road..... | Sheridan..... | 8003 | | | | | 5.83 |
| 7 | Sheridan..... | Hanover Town Line..... | | | | | | 1.54 |
| 8 | Sheridan Town Line..... | Silver Ck.: Forestville Rd..... | | | | | | 1.87 |
| 8A | Silver Creek: Forestville Rd..... | Silver Creek: Dunkirk St..... | Village | | | 0.42 | | |
| 9 | Silver Creek: Main St..... | Erie County Line..... | 5482 | 3.54 | | | | |
| County total..... | | | 42.08 | 5.69 | | 1.39 | | 35.00 |
| ERIE COUNTY | | | | | | | | |
| 1 | Chautauqua County Line..... | Farnham: Commercial St..... | 5600 | 2.11 | | | | |
| 2 | Farnham: Commercial St..... | Farnham: No. Corp. Line..... | 5634 | | | | | 0.67 |
| 3 | Farnham: No. Corp. Line..... | Evans Center..... | 5634 | | | | | 4.59 |
| 4 | Evans Center..... | ..... | 5546 | 4.48 | | | | |
| 5 | ..... | Walden Cliffs..... | 5054 | 1.95 | | | | |
| 6 | Walden Cliffs..... | Athol Springs..... | 5407 | 5.87 | | | | |
| 7 | Athol Springs..... | Woodlawn: Fifth Ave..... | 5019 | 1.87 | | | | |
| 8 | Woodlawn: Fifth Ave..... | Buffalo: So. Corp. Line..... | 5071 | 2.61 | | | | |
| 12 | Buffalo: No. Corp. Line..... | ..... | 5193 | 2.84 | | | | |
| 12 | ..... | Tonawanda Creek Bridge..... | 5172 | 2.92 | | | | |
| County total..... | | | 29.91 | 24.65 | | | | 5.26 |
| NIAGARA COUNTY | | | | | | | | |
| 1, 2 | Tonawanda Creek Bridge..... | St. Johnsbury..... | 5220 | 4.87 | | | | |
| 3 | St. Johnsbury..... | La Salle: Green Ave..... | 5164 | 3.69 | | | | |
| 4 | La Salle: Green Ave..... | Cayuga Creek (East)..... | 5063 | 0.49 | | | | |
| | Cayuga Creek (East)..... | La Salle: Creek Road..... | 5381 | 0.09 | | | | |
| | La Salle: Creek Road..... | Niagara Falls: E. Corp. L..... | 5063 | 1.97 | | | | |
| 5 | Niagara Falls: E. Corp. L..... | Niagara Falls: Main St..... | City | | | 2.90 | | |
| 6, 7 | Niagara Falls: Pine St..... | Niagara Falls: No. Corp. L..... | City | | | 2.80 | | |
| 8 | Niagara Falls: No. Corp. L..... | Lewiston Hill..... | 475 | | 2.22 | | | |
| | Lewiston Hill..... | Lewiston: ————..... | 5590 | | | | 0.61 | |
| 9 | Lewiston: ————..... | Lewiston: No. Corp. Line..... | 5306 | 1.36 | | | | |
| 10 | Lewiston: No. Corp. Line..... | Youngstown: So. Corp. L..... | 5306 | 4.25 | | | | |
| 11 | Youngstown: So. Corp. L..... | Youngstown: No. Corp. L..... | 5306 | 1.21 | | | | |
| County total..... | | | 26.46 | 17.93 | 2.22 | 5.70 | 0.61 | |
| Route totals..... | | | | 48.27 | 2.22 | 7.09 | 0.61 | 40.26 |
| Total miles in Route No. 18..... | | | | | | | | 98.45 |

STATE ROUTE No. 19

Commencing at the city of Buffalo, running thence easterly to Marilla, thence southerly to Wales Center, thence easterly to a point to be determined by the commission on the dividing line between Wyoming and Erie counties, running thence easterly to Varysburg, thence northerly by the way of Attica to a point to be determined by the commission on the dividing line between Genesee and Wyoming counties, running thence northeasterly to Batavia, Genesee county, connecting with route number six.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|--------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ERIE COUNTY | | | | | | | | |
| 1 | Buffalo: E. Corp. Line..... | R. R. Crossing (West)..... | 371 | | 1.78 | | | |
| 2 | R. R. Crossing (West)..... | R. R. Crossing (East)..... | | | | | | 0.57 |
| 3 | R. R. Crossing (East)..... | Elma Town Line..... | 371 | | 2.28 | | | |
| 4 | W. Seneca Town Line..... | Elma: Bowen Road..... | 372 | | 2.95 | | | |
| 5 | Elma: Bowen Road..... | Marilla Town Line..... | 372 | | 3.19 | | | |
| 6 | Elma Town Line..... | Marilla..... | 529 | | 2.46 | | | |
| 7 | Marilla..... | Wales Center: Big Tree Road..... | 5635 | | | | | 5.78 |
| 8 | Wales Center: Four Rod Rd..... | Wales Center..... | 86 | | 0.27 | | | |
| 9 | Wales Center..... | Wyoming County Line..... | | | | | | 8.15 |
| County total..... | | | 23.43 | | 13.93 | | | 9.50 |
| WYOMING COUNTY | | | | | | | | |
| 1 | Erie County Line..... | Persons Corners..... | | | | | | 3.90 |
| 2 | Persons Corners..... | Varysburg..... | | | | | | 4.10 |
| 3 | Varysburg..... | Sierks..... | | | | | | 4.40 |
| 4 | Sierks..... | Attica: So. Corp. Line..... | | | | | | 2.89 |
| 5 | Attica: So. Corp. Line..... | Genesee County Line..... | | | | | | 0.90 |
| County total..... | | | 16.10 | | | | | 16.10 |
| GENESEE COUNTY | | | | | | | | |
| 1 | Wyoming County Line..... | Alexander..... | | | | | | 3.00 |
| 2 | Alexander..... | Batavia Town Line..... | | | | | | 4.24 |
| 3 | Alexander Town Line..... | Batavia: So. Corp. Line..... | | | | | | 2.65 |
| 4 | Batavia: So. Corp. Line..... | Batavia: N. Y. C. R. R..... | City City | | 0.38 | | | |
| 5 | Batavia: N. Y. C. R. R..... | Batavia: Main St. (Rt. 6)..... | | | 0.35 | | | |
| County total..... | | | 10.62 | | 0.73 | | | 9.89 |
| Route totals..... | | | | | 13.93 | 0.73 | | 35.49 |
| Total miles in Route No. 19..... | | | | | | | | 50.15 |

STATE ROUTE No. 29

Commencing at a point on route number six, at or near Elbridge, in Onondaga county, running thence northerly to Jordan and westerly to a point to be determined by the commission, on the dividing line between Cayuga and Onondaga counties, running thence northwesterly and southwesterly by the way of Port Byron and Montezuma, to a point to be determined by the commission, at or near the dividing lines between Wayne, Seneca and Cayuga counties, running thence northwesterly and westerly from Savannah, Clyde, Lyons and Newark to Palmyra, running in the county of Ontario south of the Erie canal a distance of about one mile, between Newark and Palmyra, entering and returning from the county of Ontario through such points as the commission may determine in the dividing line between the counties of Wayne and Ontario; running thence from Palmyra and Macedon to a point to be determined by the commission, on the dividing line between Monroe and Wayne counties, running thence northwesterly to the city of Rochester, Monroe county.

Amended by L. 1915, ch. 43.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------------|--------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ONONDAGA COUNTY | | | | | | | | |
| 1 | Elbridge: Main St., Rt. 6..... | Elbridge: No. Corp. Line..... | 5080 | 0.51 | | | | |
| 2 | Elbridge: No. Corp. Line..... | Jordan: So. Corp. Line..... | 487 | | 1.57 | | | |
| 3 | Jordan: So. Corp. Line..... | Jordan: W. Corp. Line..... | 5630 | | | | | 1.03 |
| 4 | Jordan: W. Corp. Line..... | Cayuga County Line..... | 5630 | | | | | 0.73 |
| County total..... | | | 3.84 | 0.51 | 1.57 | | | 1.76 |
| CAYUGA COUNTY | | | | | | | | |
| 1 | Onondaga County Line..... | Weedsport: Seneca St. | | | | | | 3.29 |
| 2 | Weedsport: North St. | Weedsport: Brutus St. | 1317 | | 0.52 | | | |
| 3 | Weedsport..... | Port Byron: E. Corp. Line.... | 5609 | | | | 2.86 | |
| 4 | Port Byron: E. Corp. Line.... | Port Byron: W. Corp. Line.... | 5609 | | | | 1.03 | |
| 5 | Port Byron: W. Corp. Line.... | Seneca County Line..... | 5610 | | | | 4.39 | |
| County total..... | | | 12.09 | | 0.52 | | 8.28 | 3.29 |
| SENECA COUNTY | | | | | | | | |
| 1 | Cayuga County Line..... | Wayne County Line..... | | | | | | 1.90 |
| WAYNE COUNTY | | | | | | | | |
| 1 | Seneca County Line..... | Clark's..... | | | | | | 3.30 |
| 2 | Clark's, and Savannah..... | Hall's..... | 5617 | 2.95 | | | | |
| 3-5 | Hall's..... | Clyde: E. Corp. Line..... | 5089 | 3.62 | | | | |
| 6 | Clyde: E. Corp. Line..... | Clyde: Glasgow St. | 5089 | 0.91 | | | | |
| 7, 8 | Clyde: Ford St. | Clyde: W. Corp. Line..... | | | | | | 0.99 |
| 9 | Clyde: W. Corp. Line..... | Lock Berlin..... | | | | | | 3.29 |
| 10 | Lock Berlin..... | Lyons: E. Corp. Line..... | | | | | | 2.84 |
| 11-13 | Lyons: E. Corp. Line..... | Lyons: W. Corp. Line..... | | | | | | 3.10 |
| 14 | Lyons: W. Corp. Line..... | Newark: E. Corp. Line..... | | | | | | 4.06 |
| 15 | Newark: E. Corp. Line..... | Newark: _____ St. | | | | | | 0.60 |
| 16 | Newark: _____ St. | Newark: _____ St. | | | | 0.30 | | |
| 17 | Newark: _____ St. | Newark: W. Corp. Line.... | Village | | | | | 0.70 |
| 18 | Newark: W. Corp. Line.... | Ontario County Line.... | | | | | | 2.86 |
| (Continued Below) | | | | | | | | |
| ONTARIO COUNTY | | | | | | | | |
| 1 | Wayne County Line..... | Pt. Gibson and Wayne Co. L. | | | | | | 1.10 |
| WAYNE COUNTY — Concluded | | | | | | | | |
| 19 | Ontario County Line.... | Palmyra: E. Corp. Line..... | | | | | | 3.90 |
| 20-22 | Palmyra: E. Corp. Line..... | Palmyra: W. Corp. Line.... | | | | | | 1.70 |
| 23 | Palmyra: W. Corp. Line.... | Macedon: E. Corp. Line.... | | | | | | 2.80 |
| 24 | Macedon: E. Corp. Line.... | Macedon: No. Corp. Line.... | | | | | | 1.10 |
| 25 | Macedon: No. Corp. Line.... | Monroe County Line.... | | | | | | 3.80 |
| County total..... | | | 40.10 | 7.48 | | 0.30 | | 32.32 |
| MONROE COUNTY | | | | | | | | |
| 1 | Wayne County Line..... | Fairport: E. Corp. Line..... | | | | | | 3.30 |
| 3-4 | Fairport: E. Corp. Line..... | Fairport: W. Corp. Line.... | | | | | | 1.40 |
| 4A | Fairport: W. Corp. Line.... | Basket St. | 479 | | 0.27 | | | |

STATE ROUTE No. 20 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|-----------------------------|-----------------|--------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| MONROE COUNTY — Concluded | | | | | | | | | |
| 5 | Basket St. | Shripe's Corner | 60 | | 2.90 | | | | |
| 6 | Shripe's Corner | East Ave. | 5093 | | | | | 0.18 | |
| 7 | Pittsford Road | Rochester; E. Corp. Line | 8 | | 2.32 | | | | |
| County total | | | 10.27 | | 5.49 | | | 4.78 | |
| Route totals | | | | 7.99 | 7.58 | 0.30 | 8.28 | 45.15 | |
| Total miles in Route No. 20 | | | | | | | | | 69.30 |

STATE ROUTE No. 21

Commencing at a point on the Hudson river at or near Albany and running thence easterly to a point at or near Sand Lake, running thence southerly to a point at or near Nassau, in Rensselaer county, running thence southeasterly to a point to be determined by the commission, on the dividing line between Columbia and Rensselaer counties, to a point to be determined by the commission, on the dividing line between Columbia county and the state of Massachusetts.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under construction | Approximate mileage to be built | |
|-----------------------------|----------------------------|----------------------------|----------------|-----------------|--------|---------------------|--------------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| RENSSELAER COUNTY | | | | | | | | | |
| 0 | Rensselaer: Hudson River | Rensselaer: High St. | City | | | 0.78 | | | |
| 1, 2 | Rensselaer: High St. | Defrestville-Couse Road | 5533 | 2.11 | | | | | |
| 3 | Greenbush Road | Defrestville | 5196 | 0.67 | | | | | |
| 4 | Defrestville | West Sand Lake | | | | | | 5.00 | |
| 5 | West Sand Lake | Averill Park: Troy Road | 5278A | 3.10 | | | | | |
| 5A | West Sand Lake | Averill Park: Nassau Road | 194 | | 0.04 | | | | |
| 6 | Averill Park: Troy Road | Paper Mill Bridge | 5278A | 0.56 | | | | | |
| 7 | Paper Mill Bridge | Nassau Town Line | | | | | | 2.58 | |
| 8 | Nassau Town Line | Hoags Corners Road | | | | | | 3.00 | |
| 9 | Hoags Corners Road | Nassau: No. Corp. Line | | | | | | 3.30 | |
| 10 | Nassau: No. Corp. Line | Nassau: Church St. | | | | | | 0.64 | |
| 11 | Nassau: Chatham St. | Nassau: E. Corp. Line | 5163 | 0.41 | | | | | |
| 12 | Nassau: E. Corp. Line | Brainard: South Road | 285 | | 3.62 | | | | |
| 13 | Nassau Road | East Nassau Road | 439 | | 2.06 | | | | |
| 14 | East Nassau Road | Columbia County Line | 5108 | 0.40 | | | | | |
| County total | | | | 28.09 | 7.25 | 5.72 | 0.78 | 14.34 | |
| COLUMBIA COUNTY | | | | | | | | | |
| 1-2 | Rensselaer County Line | New Lebanon-Mt. Leb'on Rd. | 615 | | 6.56 | | | | |
| 3 | New Lebanon-Leb'on Spr. Rd | Mount Lebanon | | | | | | 1.10 | |
| 4 | Mount Lebanon | Massachusetts State Line | 4 | | 0.60 | | | | |
| County total | | | | 8.26 | | 7.16 | | 1.10 | |
| Route totals | | | | | 7.25 | 12.88 | 0.78 | 15.44 | |
| Total miles in Route No. 21 | | | | | | | | | 36.35 |

STATE ROUTE No. 22

Troy City — Whitehall — Putnam Section

Commencing at a point in Rensselaer county at or near the city of Troy, running thence north-easterly by the way of Raymertown, to Potter Hill, running thence northerly through Hoosick Falls, to a point at or near Eagle Bridge, on the dividing line between Washington and Rensselaer counties, running thence northerly by the way of Cambridge, Salem and Granville by the way of Whitehall and the shore road along Lake Champlain to Putnam.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under construction | Approximate mileage to be built |
|-------------------|---------------------------------|------------------------------------|----------------|-----------------|--------|---------------------|--------------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| RENSSELAER COUNTY | | | | | | | | |
| 1 | Troy: Old E. Corp. Line..... | Reservoir Road..... | 5393 | 0.52 | | | | |
| 2 | Reservoir Road..... | ..... | 10 | | 0.48 | | | |
| 2A | ..... | Clums Corners Road..... | 25 | | 3.05 | | | |
| 3 | Clums Corners Road..... | Haynersville..... | 84 | | 2.46 | | | |
| 4 | Haynersville..... | Tomhannock Reservoir..... | 478 | | 3.21 | | | |
| 5 | Tomhannock Reservoir..... | Hoosick Town Line..... | 5479 | 6.18 | | | | |
| 6, 7 | Pittstown Town Line..... | Hoosick Road..... | 5354 | 5.11 | | | | |
| 8 | Hoosick Road..... | Hoosick Falls: So. Corp. Line..... | 490 | | 2.90 | | | |
| 9 | Hoosick Falls: So. Corp. L..... | Hoosick Falls: No. Corp. L..... | 5040 | 1.53 | | | | |
| 10 | Hoosick Falls: No. Corp. L..... | Washington County Line..... | 490 | | 3.45 | | | |
| County total..... | | | 28.89 | 13.34 | 15.55 | | | |
| WASHINGTON COUNTY | | | | | | | | |
| 1 | Rensselaer County Line..... | Center White Creek..... | 721 | | 2.08 | | | |
| 2 | Center White Creek..... | Cambridge: So. Corp. Line..... | 97 | | 3.57 | | | |
| 3, 4 | Cambridge: So. Corp. Line..... | Jackson..... | 5113 | 3.67 | | | | |
| 5, 6 | Jackson..... | Greenwich Junction..... | 5293 | 6.01 | | | | |
| 7 | Greenwich Junction..... | Salem: No. Corp. Line..... | 5316 | 3.09 | | | | |
| 8 | Salem: No. Corp. Line..... | ..... | 5033 | 2.96 | | | | |
| 9, 10 | ..... | West Pawlet..... | 5336 | 9.48 | | | | |
| 11 | West Pawlet..... | ..... | 722 | | 2.06 | | | |
| 11A | ..... | Granville: So. Corp. Line..... | 104 | | 1.25 | | | |
| 12 | Granville: So. Corp. Line..... | Granville: No. Corp. Line..... | 5404 | 1.75 | | | | |
| 13 | Granville: No. Corp. Line..... | Middle Granville..... | 103 | | 1.31 | | | |
| 14 | Middle Granville..... | North Granville..... | | | | | | 3.80 |
| 15 | North Granville..... | Comstock..... | | | | | | 5.10 |
| 16 | Comstock..... | Whitehall: Town Line..... | 1224 | | | | | |
| 17 | Fort Ann Town Line..... | Whitehall: So. Corp. Line..... | 723 | | 4.77 | | | |
| 18 | Whitehall: So. Corp. Line..... | Whitehall: Bellamy St..... | 5531 | 1.32 | | | | |
| 19 | Whitehall: Broad St..... | South Bay Br. East End..... | 5578 | 1.88 | | | | |
| 19A | East End of Bridge..... | West End of Bridge..... | | | | | | 0.26 |
| 20 | W. End of South Bay Bridge..... | Dresden Center..... | 5637 | | | | | 5.77 |
| 21 | Dresden Center..... | Dresden Station..... | | | | | | 3.50 |
| 22 | Dresden Station..... | Mill Brook..... | | | | | | 4.10 |
| | Mill Brook..... | Putnam..... | | | | | | 2.70 |
| County total..... | | | 70.65 | 30.16 | 15.26 | | | 23.23 |
| Route totals..... | | | | 43.50 | 30.81 | | | 25.23 |

Total miles in southern section of Route No. 22..... 99.54

STATE ROUTE No. 22

Riparian — Rouses Point Section

And commencing at a point on route twenty-five at Riparian in Warren county, and running thence to a point to be determined by the commission on the dividing line between Essex and Warren counties, and running thence northerly by way of Schroom Lake village to Elizabethtown running thence westerly to Keene, thence northerly to Ausable Forks and a point on the dividing line between Clinton and Essex counties, thence northeasterly to a point at or near Ausable Chasm, thence northerly by the way of Plattsburgh and Chazy to Rouses Point.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------|-----------------------------------|-----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| WARREN COUNTY | | | | | | | | |
| 1, 2 | Route No. 25 at Loon Lake.. | Essex County Line..... | 692 | ..... | 8.94 | ..... | ..... | ..... |
| ESSEX COUNTY | | | | | | | | |
| 1 | Warren County Line..... | Schroom Lake Hamlet..... | 745 | ..... | 5.46 | ..... | ..... | ..... |
| 3, 8 | Schroom Lake Hamlet..... | No. Hudson Town Line..... | 5179 | 6.78 | ..... | ..... | ..... | ..... |
| 4, 5 | Schroom Town Line..... | North Hudson Hamlet..... | 5180 | 5.39 | ..... | ..... | ..... | ..... |
| 6, 7 | North Hudson Hamlet..... | Courtney Pond..... | 5181 | 3.94 | ..... | ..... | ..... | ..... |
| 8 | Courtney Pond..... | Euba Mills..... | 5182 | 5.29 | ..... | ..... | ..... | ..... |
| 9, 10 | Euba Mills..... | New Russia..... | 5117 | 6.00 | ..... | ..... | ..... | ..... |
| 11 | New Russia..... | Elizabethtown: High St..... | 5183 | 3.70 | ..... | ..... | ..... | ..... |
| 12, 13 | Elizabethtown: High St..... | Keene Town Line..... | 5239 | 6.18 | ..... | ..... | ..... | ..... |
| 14, 15 | Elizabethtown Town Line..... | Keene..... | 5238 | 6.21 | ..... | ..... | ..... | ..... |
| 16, 17 | Keene..... | Upper Jay..... | 5236 | 6.06 | ..... | ..... | ..... | ..... |
| 18 | Upper Jay..... | Jay..... | 5235 | 3.69 | ..... | ..... | ..... | ..... |
| 19 | Jay..... | Featherstone's..... | 5184 | 2.54 | ..... | ..... | ..... | ..... |
| 20 | Featherstone's..... | Ausable Fks. and Clin. Co. L..... | 5011 | 3.45 | ..... | ..... | ..... | ..... |
| (Continued Below) | | | | | | | | |
| CLINTON COUNTY | | | | | | | | |
| 1 | Ausable Fks. and Essex Co. L..... | Clintonville..... | 476 | ..... | 5.28 | ..... | ..... | ..... |
| 2, 3 | Clintonville..... | Keeseville: So. Corp. Line..... | 651 | ..... | 5.58 | ..... | ..... | ..... |
| 4 | Keeseville: So. Corp. Line..... | Ausable Chasm..... | 5056 | 2.36 | ..... | ..... | ..... | ..... |
| 5 | Ausable Chasm..... | Essex County Line..... | 5311 | 0.29 | ..... | ..... | ..... | ..... |
| (Continued Below) | | | | | | | | |
| ESSEX COUNTY — Concluded | | | | | | | | |
| 21 | Clinton County Line..... | Clinton County Line..... | 5311 | 1.57 | ..... | ..... | ..... | ..... |
| County total..... | | | | 66.26 | ..... | ..... | ..... | ..... |
| | | | | 60.80 | 5.45 | ..... | ..... | ..... |
| CLINTON COUNTY — Concluded | | | | | | | | |
| 6 | Essex County Line..... | Little Ausable River..... | 5311 | 3.06 | ..... | ..... | ..... | ..... |
| 7, 8 | Little Ausable River..... | Plattsburg: So. Corp. Line..... | 5191 | 6.89 | ..... | ..... | ..... | ..... |
| 9 | Plattsburg: So. Corp. Line..... | Plattsburg: Old Corp. Line..... | 5197 | 0.26 | ..... | ..... | ..... | ..... |
| 9B | Plattsburg: Old Corp. Line..... | Peru St. Railroad Crossing..... | City | ..... | ..... | 1.34 | ..... | ..... |
| 9A | Peru St. Railroad Crossing..... | Bridge St..... | 5475 | 0.30 | ..... | ..... | ..... | ..... |
| 9C | Peru St..... | Margaret St. Rail'd Crossing..... | City | ..... | ..... | 0.78 | ..... | ..... |
| 10 | Margaret St. Rail'd Crossing..... | Plattsburg: No. Corp. Line..... | 5197 | 1.53 | ..... | ..... | ..... | ..... |
| 11 | Plattsburg: No. Corp. Line..... | Ingraham..... | 5694 | 3.79 | ..... | ..... | ..... | 3.50 |
| 12 | Ingraham..... | Chazy-West Chazy Road..... | ..... | ..... | ..... | ..... | ..... | 5.00 |
| 13 | Chazy-Chazy Landing Road..... | D. & H. R. R. Crossing..... | 433 | ..... | 0.40 | ..... | ..... | ..... |
| 13A | Railroad Crossing, Chazy..... | Coopersville..... | 5199 | 4.85 | ..... | ..... | ..... | ..... |
| 14 | Coopersville..... | Rouses Pt. So. Corp. Line..... | 5199 | 3.70 | ..... | ..... | ..... | ..... |
| 15 | Rouses Pt.: So. Corp. L..... | Rouses Pt.: D. & H. R. R..... | 5228 | 1.69 | ..... | ..... | ..... | ..... |
| 16 | Rouses Pt.: D. & H. R. R..... | Canadian Line: Kings High..... | 5337 | 2.36 | ..... | ..... | ..... | ..... |
| County total..... | | | | 52.26 | ..... | ..... | ..... | ..... |
| Route totals..... | | | | 91.48 | 25.76 | 2.12 | ..... | 8.10 |
| | | | | 91.48 | 25.76 | 2.12 | ..... | 8.10 |

Total miles in northern section of Route No. 22..... 127.46
Total miles in Route No. 22..... 227.00

STATE ROUTE No. 22A

Commencing at a point at the end of county highway petition number sixteen hundred and fifty-one, in the village of Newman and running thence northeasterly through Wilmington Notch and High Falls to Hathaway Corners, thence northerly across Ausable river to Nye's Corners, thence easterly through the village of Wilmington to the village of Jay connecting with route number twenty-two, Essex county.

Amended by L. 1914, ch. 201.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|--------------------------|------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ESSEX COUNTY | | | | | | | | |
| 1 | Lake Placid Village..... | High Fall..... | 5500 | 7.18 | | | | |
| 2 | High Fall..... | Wilmington..... | 5540 | 10.16 | | | | |
| 3 | Wilmington..... | Jay, Route No. 22..... | | | | | | |
| Route totals..... | | | | 17.34 | | | | |
| | | | | 17.34 | | | | |
| Total miles in Route No. 22A..... | | | | | | | | 17.34 |

STATE ROUTE No. 22B

Commencing at a point on county highway number eight hundred and ninety-one outside of the village of Ticonderoga and extending westerly through the towns of Ticonderoga and Schroon through the village of Chilson, to a point on route number twenty-two at or near Severance hill, being within the boundaries of the county of Essex.

Added by L. 1913, ch. 735.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|---------------------------------|-----------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ESSEX COUNTY | | | | | | | | |
| 1 | Ticonderoga: Howe St., C.H. 891 | South Road..... | | | | | | 2.30 |
| 2 | South Road..... | Chilson..... | | | | | | 2.00 |
| 3 | Chilson..... | Chilson Lake Crossing..... | | | | | | 3.30 |
| 4 | Chilson Lake Crossing..... | Paradox..... | | | | | | 3.30 |
| 5 | Paradox..... | Smith Bay..... | 5541 | 2.47 | | | | |
| 6 | Smith Bay..... | Platts Corners, Rt. 22..... | 5541 | 3.80 | | | | |
| | | | | 5.97 | | | | 11.70 |
| | | | | 5.97 | | | | 11.70 |
| | | Route totals..... | | | | | | |
| Total miles in Route No. 22B..... | | | | | | | | 17.06 |

STATE ROUTE No. 22C

Commencing at a point on county highway number ten hundred and twenty-three, and running thence northerly and westerly to Pottersville on the easterly side of the Schroon river, terminating at route number twenty-two, all within the boundaries of Warren county.

Added by L. 1913, ch. 735.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| WARREN COUNTY | | | | | | | | |
| 1 | Starbuckville: C. H. 1023 | Valentine Creek | | | | | | 2.30 |
| 2 | Valentine Creek | Pottersville, Route No. 22 | | | | | | 2.50 |
| | | | | | | | | 4.80 |
| | | Route totals | | | | | | 4.80 |
| Total miles in Route No. 22C | | | | | | | | 4.80 |

STATE ROUTE No. 23

Commencing on the Cherry Valley turnpike at the westerly line of the village of West Winfield near the intersection of the three counties, Otsego, Oneida and Herkimer, running thence westerly to the village of Bridgewater, running thence northerly to the city of Utica, running thence northeasterly through the town of Deerfield to a point to be determined by the commission on the dividing line between Herkimer and Oneida counties, at or near Poland, there intersecting route number twenty-six, running northeasterly through Cold Brook, Wilmurt and Nobleboro to the Hamilton county line there joining the county highway of Hamilton county which leads through Morehouseville to Lake Pleasant, joining route twenty-four at Lake Pleasant and running thereon to Speculator, running thence northerly by way of Lewey Lake to Indian Lake village; thence northwesterly to Blue Mountain Lake there joining route twenty-five.

Amended by L. 1914, ch. 47.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-------------------------------|--|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| HERKIMER COUNTY | | | | | | | | |
| 1 | W. Winf.: W. Cp. L., Rt. 23A. | Oneida County Line. | 5465 | 0.04 | | | | |
| (Continued Below) | | | | | | | | |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Herkimer County Line. | Herkimer County Line. | 5465 | 0.57 | | | | |
| (Continued Below) | | | | | | | | |
| HERKIMER COUNTY — (Continued) | | | | | | | | |
| 1A | Oneida County Line. | Otsego County Line. | 5465 | 0.10 | | | | |
| (Continued Below) | | | | | | | | |
| OTSEGO COUNTY | | | | | | | | |
| 1 | Herkimer County Line. | Oneida County Line. | 5465 | 1.53 | | | | |
| ONEIDA COUNTY — (Concluded) | | | | | | | | |
| 2 | Otsego County Line. | Bridgewater: No. Corp. L. | 5465 | 0.69 | | | | |
| 3 | Bridgewater: No. Corp. L. | Paris Town Line. | 550 | | 4.17 | | | |
| 4 | Bridgewater Town Line. | Clayville: So. Corp. Line. | 550 | | 2.31 | | | |
| 5 | Clayville: So. Corp. Line. | Clayville: No. Corp. Line. | 5079 | 1.44 | | | | |
| 6 | Clayville: No. Corp. Line. | Hartford Town Line. | 550 | | 2.68 | | | |
| 7 | Paris Town Line. | Utica: So. Corp. Line. | 71 | | 4.63 | | | |
| 8 | Utica: So. Corp. Line. | Utica: Parkway. | 5805 | 0.52 | | | | |
| 8A | Utica: Parkway. | Utica: Oneida Square. | City | | | 0.75 | | |
| 8B | Utica: Oneida Square. | Barge Canal South. | City | | | 1.70 | | |
| 9 | Barge Canal, South. | Barge Canal, North. | B. C. | | | 0.16 | | |
| 10 | Barge Canal, North. | Deerfield Four Corners. | 5804 | | | | 0.34 | |
| | Deerfield Four Corners. | Shaw Corner. | 933 | 0.03 | | | | |
| | Shaw Corner. | Marcy Hill Road. | 5804 | | | | 0.71 | |
| 11 | Marcy Hill Road. | Rt. 26 near W. Canada Cr. Br. | 5633 | | | | | 5.10 |
| 12-18 | Rt. 23, near W. Can. Cr. Br. | Herkimer County Line. | 5597 | | | | 5.24 | |
| | (Note: B. C., built with Barge Canal moneys) | | Rt. 26 | | | | *0.68 | |
| County total..... | | | | 31.14 | 3.22 | 13.82 | 2.61 | 6.39 5.10 |
| HERKIMER COUNTY — (Concluded) | | | | | | | | |
| | Oneida County Line. | Poland: Main St. | Rt. 26 | | | | *0.74 | |
| 1 | Poland: Main St. | Poland: E. Corp. Line. | 5069 | 0.54 | | | | |
| 2 | Poland: E. Corp. Line. | Coldbrook: So. Corp. Line. | 380 | | 0.35 | | | |
| 3 | Coldbrook: So. Corp. Line. | Coldbrook: State St. | 5069 | 0.80 | | | | |
| 4 | Coldbrook: State St. | Coldbrook: No. Corp. L. | 467 | | 0.53 | | | |
| 5 | Coldbrook: No. Corp. Line. | Norway Town Line. | 467 | | 1.81 | | | |
| 6 | Russia Town Line. | Ohio Town Line. | | | | | | 2.09 |
| 7 | Norway Town Line. | Ohio. | | | | | | 3.59 |
| 8, 9 | Ohio. | Wilmurt. | | | | | | 6.10 |
| 10 | Wilmurt. | Hamilton County Line. | | | | | | 4.28 |
| County total..... | | | | 20.57 | 1.48 | 2.60 | | 18.40 |
| HAMILTON COUNTY | | | | | | | | |
| 1 | Herkimer County Line. | Mt. House Road. | 874 | | 15.00 | | | |
| 2, 3 | Mt. House Road. | Arietta Town Line. | | | | | | 15.00 |
| 4 | Morehouse Town Line. | Irondequoit Bay. | | | | | | 12.20 |
| 5 | Irondequoit Bay. | Echo Cliff. | | | | | | 12.40 |

* Not included in total.

† Not included in total according to an opinion dated November 10, 1915, by the Attorney General to the effect that Route 23 Stops at the Herkimer County Line and is again taken up at Lake Pleasant, running thence to Speculator etc

STATE ROUTE No. 23 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- tract | Approximate mile- age to be built | |
|----------------------------------|-------------------------|----------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|-------|
| | | | | State | County | Town or cor- poration | | | |
| HAMILTON COUNTY — Concluded | | | | | | | | | |
| 6 | Echo Cliff..... | Piseco..... | | | | | | 12.50 | |
| 7 | Piseco..... | Lilly Lake..... | 1025 | | 14.52 | | | | |
| 8 | Lilly Lake..... | Lake Pleasant..... | 1025 | | 13.23 | | | | |
| 9 | Lake Pleasant..... | Speculator..... | Rt. 24 | | 3.44 | | | | |
| 10 | Speculator..... | Hatchery..... | | | | | | 2.40 | |
| 11 | Hatchery..... | Jessup River..... | | | | | | 4.10 | |
| 12 | Jessup River..... | Mason Lake..... | | | | | | 3.60 | |
| 13 | Mason Lake..... | Lewey Lake Outlet..... | | | | | | 4.80 | |
| 14 | Lewey Lake Outlet..... | Griffin Brook..... | | | | | | 4.20 | |
| 15 | Griffin Brook..... | Sabael..... | | | | | | 5.00 | |
| 16 | Sabael..... | Indian Lake Hamlet..... | | | | | | 3.40 | |
| 17 | Indian Lake Hamlet..... | Cedar River Road..... | | | | | | 2.14 | |
| 18 | Cedar River Road..... | Forest House..... | | | | | | 4.00 | |
| 19 | Forest House..... | Blue Mt. Lake, Rt. 25..... | | | | | | 4.90 | |
| County total..... | | | 38.54 | | | | | 38.54 | |
| Route totals..... | | | | 6.23 | 16.51 | 2.61 | 6.39 | 60.04 | |
| Total miles in Route No. 23..... | | | | | | | | | 91.78 |

* Not included in total.

† Not included in total according to an opinion dated November 10, 1915, by the Attorney General to the effect that Route 23 stops at the Herkimer County Line and is again taken up at Lake Pleasant, running thence to Speculator, etc.

STATE ROUTE No. 23A

Commencing on route six in the village of Ilion at its intersection with Otsego street, running thence southerly through Cedarville, Chepachet and to the westerly line of the village of West Winfield, there connecting with route twenty-three.
Amended by L. 1912, ch. 535.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|--------------------------------|------------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| HERKIMER COUNTY | | | | | | | | |
| 1 | Ilion: E. Main St., Rt. 6..... | Ilion: So. Corp. Line..... | 5513 | 0.90 | | | | |
| 2, 3 | Ilion: So. Corp. Line..... | Cedarville..... | 5466 | 7.12 | | | | |
| 4 | Cedarville..... | East Winfield..... | | | | | | 3.90 |
| 5 | East Winfield..... | West Winfield: E. Corp. L..... | | | | | | 1.96 |
| 6 | West Winfield: E. Corp. L..... | W. Winf.: W. Corp. L., Rt. 23..... | 5465 | 1.03 | | | | |
| | | | | 9.05 | | | | 5.80 |
| Route totals | | | | 9.05 | | | | 5.80 |
| Total miles in Route No. 23A..... | | | | | | | | 14.85 |

STATE ROUTE No. 24

Commencing at a point on route number six at Fonda, Montgomery county, running thence northerly to a point to be determined by the commission on the dividing line between Fulton and Montgomery counties, running thence northerly by the way of Johnstown and Gloversville to Northville, running thence northerly to a point to be determined by the commission on the dividing line between the counties of Hamilton and Fulton, running thence northerly to Lake Pleasant.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|----------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| MONTGOMERY COUNTY | | | | | | | | |
| 1 | Fonda: Main St., Rt. 6..... | Fulton County Line..... | 5096 | 2.43 | | | | |
| FULTON COUNTY | | | | | | | | |
| 1 | Montgomery County Line..... | Johnstown: So. Corp. Line..... | 5096 | 0.64 | | | | |
| 2 | Johnstown: So. Corp. Line..... | Johnstown: So. Williams St.... | 5394 | 0.82 | | | | |
| 2A | Johnstown: W. Madison Ave..... | Johnstown: Jeffers St..... | City | | | 1.65 | | |
| 3 | Johnstown: Jeffers St..... | Gloversville: W. Corp. Line.... | 5394 | 0.72 | | | | |
| 4 | Johnstown: E. Corp. Line..... | Gloversville: Fulton St..... | City | | | 1.60 | | |
| 4A | Gloversville: Fulton St..... | Gloversville: Green St..... | City | | | 0.80 | | |
| 5 | Gloversville: No. Main St..... | Gloversville: E. Corp. Line.... | City | | | 0.95 | | |
| 5A | Gloversville: E. Corp. Line..... | Mayfield: W. Corp. Line..... | 33 | | 4.04 | | | |
| 6 | Mayfield: W. Corp. Line..... | Mayfield: No. Corp. Line..... | 5194 | 1.11 | | | | |
| 6A | Mayfield: No. Corp. Line..... | Dennie Corners..... | 363 | | 1.27 | | | |
| 7 | Dennie Corners..... | Northampton Town Line..... | 541 | | 3.54 | | | |
| 8 | Mayfield Town Line..... | Chapman's Corners..... | 541 | | 3.25 | | | |
| 8A | Chapman's Corners..... | Sacandaga River..... | 382 | | 1.71 | | | |
| 9 | Sacandaga River..... | Northville: Main St..... | 5045 | 0.44 | | | | |
| 9A | Northville: Bridge St..... | Northville: Fourth St..... | Village | | | 0.40 | | |
| 10 | Northville: Fourth St..... | Hamilton County Line..... | 5065 | 1.98 | | | | |
| County total..... | | | | 25.41 | 5.71 | 13.91 | 5.79 | |
| HAMILTON COUNTY | | | | | | | | |
| 1 | Fulton County Line..... | Hope Center..... | 5083 | 2.99 | | | | |
| 2 | Hope Center..... | Hope..... | 5182 | 2.30 | | | | |
| 3 | Hope..... | Dunham..... | 5133 | 3.15 | | | | |
| 4 | Dunham..... | Stuart Corners..... | 5292 | 5.74 | | | | |
| 5 | Stuart Corners..... | Wells Town Bridge..... | 5514 | 6.98 | | | | |
| 6 | Wells Town Bridge..... | Speculator..... | 5522 | | | | | 0.74 |
| 7 | Speculator..... | Lake Pleasant, Rt. 23..... | 277 | | 3.44 | | | |
| | | | | 21.16 | 3.44 | | | 0.74 |
| Also: | | | | | | | | |
| | Stuart Corners..... | Elbow Creek..... | 5298 | 0.23 | | | | |
| County total..... | | | | 31.57 | 21.20 | 3.44 | | 0.74 |
| Route totals..... | | | | | 29.43 | 17.35 | 5.79 | 0.74 |
| Total miles in Route No. 24..... | | | | | 59.41 | | | |

STATE ROUTE No. 28

Commencing at Whitesboro near Utica on route number twenty-eight in Oneida county, running thence northerly, by the way of Marcy, Holland Patent, Remsen, Alder Creek and White Lake Corners, to a point to be determined by the commission, at or near the dividing line between Herkimer, Lewis and Oneida counties, running thence northeasterly by the way of Fulton Chain, and on or near the highways laid out, to a point to be determined by the commission, on the dividing line between Hamilton and Herkimer counties, running thence easterly by the way of Raquette Lake, and on the south shore of Raquette Lake, running thence northeasterly to Blue Mountain Lake, running thence northerly to Long Lake, running thence easterly to a point to be determined by the commission, on the dividing line between Essex and Hamilton counties, running thence easterly to Newcomb, running thence southeasterly by the way of Minerva, to a point to be determined by the commission, on the dividing line between Warren and Essex counties, running thence by the way of North Creek, Riparius and Warrensburg to Lake George, running thence southerly to a point to be determined by the commission on the dividing line between Saratoga and Warren counties at or near Glens Falls, running thence southerly by the way of Saratoga Springs to Ballston Spa, running thence southeasterly to a point to be determined by the commission on the dividing line between Albany and Saratoga counties, running thence southerly to a point to be determined by the commission at or near the city of Albany.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|--|-------------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | | | | | | | | |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Whitesboro: W. Cp. L., Rt. 28 | Barge Canal: South | 5547 | | | | 0.67 | |
| | Barge Canal, South | Barge Canal, North | B. C. | | | 0.16 | | |
| 2 | Barge Canal, North | Carey Corners | 5547 | | | | 0.03 | |
| | Carey Corners | Stittville | 5325 | 6.76 | | | | |
| 3 | Stittville | Trenton: Mappa Ave. | 5325 | 5.61 | | | | |
| 4 | Trenton: Mappa Ave. | Prospect | 5345 | 3.16 | | | | |
| 5 | Prospect | Remsen: Main St. | 5345 | 2.70 | | | | |
| | Remsen: Prospect St. | Boonville Town Line | 5346 | 5.88 | | | | |
| 6, 7 | Remsen Town Line | Herkimer County Line | 5348 | 16.77 | | | | |
| (Note: B. C., built with Barge Canal moneys) | | | | | | | | |
| | | | | 40.88 | | 0.16 | 0.70 | |
| Also: | | | | | | | | |
| | Remsen: Prospect St. | Trenton Town Line | 5346 | 0.23 | | | | |
| | County total | | 41.97 | 41.11 | | 0.16 | 0.70 | |
| HERKIMER COUNTY | | | | | | | | |
| 1 | Oneida County Line | Moose River, McKeever | 5248 | 1.26 | | | | |
| 2 | Moose River, McKeever | Old Forge: So. Corp. Line | 462 | | 9.91 | | | |
| 3 | Old Forge: So. Corp. Line | Old Forge: E. Corp. Line | 5441 | 1.26 | | | | |
| 4 | Old Forge: E. Corp. Line | Bald Mountain | | | | | | 3.80 |
| 5 | Bald Mountain | Hamilton County Line | | | | | | 5.22 |
| | County total | | 21.45 | 2.52 | 9.91 | | | 9.02 |
| HAMILTON COUNTY | | | | | | | | |
| 0 | Herkimer County Line | Inlet Road | 1098 | | | | 0.19 | |
| 1 | Inlet Road | Long Lake Town Line | | | | | | 1.70 |
| 2 | Inlet Town Line | Inlet Town Line | | | | | | 1.30 |
| 3-4 | Long Lake Town Line | Arietta Town Line | | | | | | 5.80 |
| 5 | Inlet Town Line | South Inlet River | | | | | | 2.55 |
| 6-7 | South Inlet River | Indian Lake Town Line | | | | | | 4.86 |
| 8 | Arietta Town Line | Utown Lake | | | | | | 8.50 |
| 9 | Utown Lake | Blue Mountain Lake | | | | | | 3.20 |
| 10 | Blue Mountain Lake | Salmon River | | | | | | 5.60 |
| 11 | Salmon River | Grove | | | | | | 3.58 |
| 12 | Grove | Long Lake, Show Pond | 848 | | 3.74 | | | |
| 13, 14 | Long Lake, Show Pond | Essex County Line | 5189 | 8.43 | | | | |
| | County total | | 45.05 | 8.43 | 3.74 | | 0.19 | 32.69 |

STATE ROUTE No. 25 — Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|-------------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ESSEX COUNTY | | | | | | | | |
| 1-2 | Hamilton County Line | Newcomb | 5188 | 4.63 | | | | |
| 3-4 | Newcomb | Minerva Town Line | 756 | | 7.03 | | | |
| 5-6 | Newcomb Town Line | Alden Lair | 5187 | 5.69 | | | | |
| 7-8 | Alden Lair | Minerva | 5186 | 6.33 | | | | |
| 9 | Minerva | Warren County Line | 558 | | 3.64 | | | |
| | County total | | 27.32 | 16.65 | 10.67 | | | |
| WARREN COUNTY | | | | | | | | |
| 1 | Essex County Line | North Creek | 736 | | 4.12 | | | |
| 2 | North Creek | Wevertown | 5185 | 6.07 | | | | |
| 3 | Wevertown | | 5088 | 1.53 | | | | |
| 4 | | Riparius: Hudson R. Br. W. | 5055 | 1.63 | | | | |
| 5-8 | Riparius: Hudson R. Br. E. | Chestertown | 691 | | 5.73 | | | |
| 9, 10 | Chestertown | Chase Mountain | 5158 | 6.49 | | | | |
| 11, 12 | Chase Mountain | Warrensburg | 5157 | 6.55 | | | | |
| 13 | Warrensburg | Lake George: No. Corp. L. | 5227 | 4.58 | | | | |
| 14 | Lake George: No. Corp. L. | Lake George: So. Corp. L. | 5068 | 1.48 | | | | |
| 15 | Lake George: So. Corp. L. | Glens Falls: No. Corp. L. | 417 | | 7.56 | | | |
| 16 | Glens Falls: No. Corp. L. | Glens Falls: Lincoln Ave. | 5528 | 0.61 | | | | |
| 17 | Glens Falls: Lincoln Ave. | Saratoga County Line | City | | | 1.10 | | |
| | | | | 28.94 | 17.41 | 1.10 | | |
| | Also: | | | | | | | |
| | North Creek: Wevertown Rd. | North Creek: D. & H. R. H. | 5185 | 0.50 | | | | |
| | County total | | 47.95 | 29.44 | 17.41 | 1.10 | | |
| SARATOGA COUNTY | | | | | | | | |
| 1-2 | Warren County Line | So. Glens Falls: So. Corp. L. | 5593 | 1.10 | | | | 3.50 |
| 3 | So. Glens Falls: So. Corp. L. | Ft. Edward Road | | | | | | 4.00 |
| 4 | Ft. Edward Road | Northumberland Town Line | | | | | | 4.10 |
| 5 | Moreau Town Line | | | | | | | 4.30 |
| 6 | | Schuylerville Road | | | | | | |
| 7 | Northumberland Road | Saratoga Springs Town Line | 244 | | 5.29 | | | |
| 8 | Saratoga Town Line | Saratoga Springs: E. Corp. L. | 443 | | 3.76 | | | |
| 9 | Saratoga Springs: E. Corp. L. | Saratoga Springs: Circular St. | City | | | 0.57 | | |
| 10 | Saratoga Springs: Lake Ave. | Saratoga Springs: Union St. | City | | | 0.90 | | |
| 11 | Saratoga Springs: Union St. | Saratoga Spgs.: So. Corp. L. | City | | | 0.85 | | |
| 12 | Saratoga Spgs.: So. Corp. L. | Ballston Spa: E. Corp. Line | 241 | | 4.36 | | | |
| 13 | Ballston Spa: E. Corp. Line | Ballston Spa: Hamilton St. | 5062 | 0.67 | | | | |
| | Ballston Spa: Hamilton St. | Ballston Spa: Front St. | Village | | | 0.21 | | |
| | Ballston Spa: Front St. | Ballston Spa: So. Corp. Line | 5062 | 0.54 | | | | |
| | Ballston Spa: So. Corp. Line | Mourning Kill Creek | 5062 | 1.69 | | | | |
| 14 | Mourning Kill Creek | Ballston Lake Hamlet | 5065 | 4.51 | | | | |
| 15 | Ballston Lake Hamlet | Lipes Corners | | | | | | 5.50 |
| 16 | Lipes Corners | Clifton Park | 5639 | | | | | 2.66 |
| 17 | Clifton Park | Crescent and Albany Co. Line | 5639 | | | | | 3.71 |
| | County total | | 52.22 | 8.51 | 13.41 | 2.53 | | 27.77 |
| ALBANY COUNTY | | | | | | | | |
| 1 | Crescent and Saratoga Co. L. | Dry Dock | 5614 | 0.10 | | | | |
| 2-3 | Dry Dock | Whitbeck Corners | 5555 | 4.19 | | | | |
| 4 | Whitbeck Corners | Newtonville | 119 | | 2.74 | | | |
| 5 | Newtonville | Albany: Old No. Corp. Line | 22 | | 3.41 | | | |
| | County total | | 10.44 | 4.29 | 6.15 | | | |
| | Route totals | | | 110.95 | 61.29 | 3.79 | 0.89 | 69.48 |

Total miles in Route No. 25..... 246.43

STATE ROUTE No. 26

Commencing in the village of Mohawk near the intersection of routes five and six, thence running easterly through Jacksonburg to Little Falls, thence running northwesterly through Eatonsville, Middleville, Newport and Poland, across the corner of Oneida county, thence in Herkimer county to a point on the dividing line between Oneida and Herkimer counties near Gravesville, thence by the way of Trenton Falls to join route number twenty-five at or near Trenton.

Amended by L. 1910, ch. 573.

| Section number | FROM | TO | Highway number | Miles Completed | | | con- tract | Approximate mile- age to be built |
|-------------------------------|--------------------------------|------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| HERKIMER COUNTY | | | | | | | | |
| 1 | Mohawk: Main St., Rt. 6 | Mohawk: E. Corp. Line | | | | | | 0.10 |
| 2 | Mohawk: E. Corp. Line | Jacksonburg | | | | | | 4.25 |
| 3 | Jacksonburg | Little Falls: So. Corp. Line | | | | | | 3.02 |
| 4 | Little Falls: So. Corp. Line | Little Falls: Erie Canal | City | | | 0.71 | | |
| 5 | Little Falls: Erie Canal | Little Falls: Church St. | City | | | 0.36 | | |
| 6 | Little Falls: No. Ann St. | Little Falls: No. Corp. Line | City | | | 1.10 | | |
| 7 | Little Falls: No. Corp. Line | Fairfield Town Line | | | | | | 3.60 |
| 8 | Herkimer Town Line | Middleville: So. Corp. Line | | | | | | 4.10 |
| 9 | Middleville: So. Corp. Line | Middleville: Bridge St. | | | | | | 0.67 |
| 10 | Middleville: Bridge St. | Middleville: No. Corp. L. | 5064 | 0.53 | | | | |
| 11 | Middleville: No. Corp. L. | Newport: So. Corp. Line | 461 | | 3.16 | | | |
| 12 | Newport: So. Corp. Line | Newport: No. Corp. Line | 5064 | 1.03 | | | | |
| 13 | Newport: No. Corp. Line | Poland: So. Corp. Line | 461 | | 2.80 | | | |
| 14 | Poland: So. Corp. Line | Poland: Cold Brook St. | 5069 | 0.69 | | | | |
| 15 | Poland: Cold Brook St. | W. Can. Ck.: Oneida Co. L. | 5559 | 0.74 | | | | |
| (Continued Below) | | | | | | | | |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Poland: W. C. Ck.: Herk. C. L. | W. Can. Ck.: Herk. Co. L. | 5559 | 0.75 | | | | |
| (Continued Below) | | | | | | | | |
| HERKIMER COUNTY — (Concluded) | | | | | | | | |
| 16 | W. Can. Ck.: Oneida Co. L. | Gravesville: Oneida Co. L. | 5559 | 3.56 | | | | |
| County total | | | | 30.42 | 6.55 | 5.96 | 2.17 | 15.74 |
| ONEIDA COUNTY — (Concluded) | | | | | | | | |
| 2 | W. Can. Ck.: Herk. Co. L. | Trenton: Boon St., Rt. 25 | 5559 | 3.84 | | | | |
| County total | | | | 4.59 | 4.59 | | | |
| Route totals | | | | | 11.14 | 5.96 | 2.17 | 15.74 |
| Total miles in Route No. 26 | | | | | | | | 35.01 |

STATE ROUTE No. 27

Commencing at a point on route number twenty-five, to be determined by the commission near Alder Creek, running thence northwesterly by way of Booneville,* to a point on the dividing line between Lewis and Oneida counties, running thence northerly by the way of Lowville, to a point at or near Carthage, on the dividing line between Jefferson and Lewis counties, running thence northwesterly and westerly to the city of Watertown, running thence northwesterly from the city of Watertown to Clayton, thence northeasterly to Alexandria Bay, Jefferson county.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con- tract | Approximate mile- age to be built |
|------------------|-------------------------------------|--------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| ONEIDA COUNTY | | | | | | | | |
| 1 | Alder Creek: Rt. 25 | Boonville: Black River Canal. | 5307 | 6.40 | | | | |
| 2 | Boonville: Black River Canal. | Boonville: ——— | 5303 | 0.82 | | | | |
| 3 | Boonville: ——— | Lewis County Line. | 5307 | 1.38 | | | | |
| | County total..... | | | 8.60 | | | | |
| LEWIS COUNTY | | | | | | | | |
| 1 | Oneida County Line | Talcottville. | 5327 | 2.60 | | | | |
| 2 | Talcottville..... | West Turin Town Line. | 5327 | 3.07 | | | | |
| 3 | Leyden Town Line..... | Turin: So. Corp. Line. | 5327 | 3.10 | | | | |
| 4 | Turin: So. Corp. Line..... | Turin: No. Corp. Line. | 5327 | 1.08 | | | | |
| 5 | Turin: No. Corp. Line..... | Martinsburg Town Line. | 5327 | 4.92 | | | | |
| 6 | Turin Town Line..... | Martinsburg. | 5077 | 3.08 | | | | |
| 7 | Martinsburg..... | Lowville: So. Corp. Line. | 5036 | 2.61 | | | | |
| 8 | Lowville: So. Corp. Line..... | Lowville: No. Corp. Line. | 5309 | 1.31 | | | | |
| 9 | Lowville: No. Corp. Line..... | Harrisburg Creek. | 5332 | 3.77 | | | | |
| 10 | Harrisburg Creek..... | Deer River | 5332 | 6.87 | | | | |
| 11 | Deer River..... | W. Carthage: Jeffer'n Co. Line | 5332 | 2.69 | | | | |
| | County total..... | | | 35.00 | | | | |
| JEFFERSON COUNTY | | | | | | | | |
| 1 | W. Carthage: Lewis Co. Line | W. Carthage: Black River..... | 5332 | 1.12 | | | | |
| 2 | Carthage: Black River..... | Carthage: Church St. | 5344 | 0.27 | | | | |
| 3 | Carthage: Church St..... | Carthage: School St. | 5402 | | | | | 0.07 |
| 4 | Carthage: State St..... | Cart.: N.Y.C.&H.R.R.R., So. | 5344 | 0.28 | | | | |
| | Cart.: N.Y.C.&H.R.R.R., So. | Cart.: N.Y.C.&H.R.R.R., No | R. R. | | | 0.20 | | |
| | Cart.: N.Y.C.&H.R.R.R., No | Carthage: No. Corp. Line..... | 5344 | 0.69 | | | | |
| 4A | Carthage: No. Corp. Line..... | Deferiet: Black River Br. | 428 | | 4.87 | | | |
| 4B | Deferiet: Black River Br. | Felt Mills: Carthage Rd. | 427 | | 3.79 | | | |
| 4C | Felt Mills: Carthage Rd. | Cemetery Corner | 5152 | 0.28 | | | | |
| 4D | Cemetery Corner..... | Black River: E. Corp. L. | 427 | | 1.21 | | | |
| 5 | Black River: E. Corp. Line..... | Parkinson Corner..... | 5005 | 0.38 | | | | |
| 6 | Parkinson Corner..... | Browns Corner..... | 5175 | 0.32 | | | | |
| 6A | Browns Corner..... | Paper Mill Tracks..... | 5005 | 0.71 | | | | |
| 5A | Paper Mill Tracks..... | Black River, West Side..... | 5175 | 0.08 | | | | |
| 7 | Black River: West Side..... | Watertown: E. Corp. Line..... | 5005 | 3.59 | | | | |
| 8 | Watertown: E. Corp. Line..... | Watert.: Black Riv. Br., No. | 5530 | 0.39 | | | | |
| | Watert.: Black Riv. Br., No. | Watert.: Black Riv. Br., So. | Town | | 0.09 | | | |
| | Watert.: Black Riv. Br., So. | Watert.: R. R. Crossing, No. | 5530 | 0.18 | | | | |
| | Watert.: R. R. Crossing, No. | Watert.: R. R. Crossing, So. | R. R. | | | | | 0.14 |
| | Watert.: R. R. Crossing, So. | Watertown: State St. | 5530 | 0.38 | | | | |
| 8A | Watertown: Eastern Blvd. | Watertown: Colorado Ave. | 1134 | | 0.35 | | | |
| 9 | Watertown: Colorado Ave. | Watertown: Bradley St. | City | | 2.00 | | | |
| 10 | Watertown: Main St. | Watertown: No. Corp. L. | 5140 | 0.86 | | | | |
| 11 | Watertown: No. Corp. L. | Brownville Town Line. | 5140 | 4.39 | | | | |
| 12 | Pamela Town Line..... | Depauville..... | 5267 | 8.41 | | | | |
| 13 | Depauville..... | Clayton: State St. | 5266 | 7.31 | | | | |
| | Clayton: James St. | N.Y.C.: West Side..... | 5304 | 0.20 | | | | |
| 14 | N.Y.C.: West Side..... | N.Y.C.: East Side..... | 5304A | 0.15 | | | | |
| | N.Y.C.: East Side..... | Alexandria Bay..... | 5304 | 11.13 | | | | |
| | (Note: R.R., built by Railroad Co.) | | | 41.12 | 10.22 | 2.29 | | 0.21 |
| 13A | Clayton: State St. | Clayton: Water St. | 5403 | 1.17 | | | | |
| | Clayton: James St. | Clayton: Webb St. | | | | | | |
| | Clayton: Water St. | Clayton: State St. | | | | | | |
| | County total..... | | | 42.29 | 10.22 | 2.29 | | 0.21 |
| | Route totals..... | | | 85.89 | 10.22 | 2.29 | | 0.21 |

Total miles in Route No. 27..... 98.61

STATE ROUTE No. 28

Commencing at the city of Utica, Oneida county, running thence northwesterly to Rome, running thence northwesterly from Rome, by the way of Camden, to a point to be determined by the commission, on the dividing line between Oswego and Oneida counties, running thence northwesterly by the way of Parish to Union Square, Oswego county.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------|----------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ONEIDA COUNTY | | | | | | | | |
| 0 | Utica: Genesee St. | Utica: W. Corp. Line | City | | | 1.70 | | |
| 1 | Utica: W. Corp. Line | Yorkville: Champlain Ave. | 5091 | 0.28 | | | | |
| 1A | Yorkville: Champlain Ave. | Yorkville: | City | | | 0.27 | | |
| 1B | Yorkville: | Yorkville: Sauquoit Creek | 5091 | 0.80 | | | | |
| 2 | Whitesboro: Sauquoit Creek | Whitesboro: W. Corp. Line | 5089 | 1.80 | | | | |
| 3 | Whitesboro: W. Corp. Line | Carey Corners | Rt. 25 | | | *0.16 | *0.70 | |
| 3A | Carey Corners | Floyd Town Line | 296 | | 3.22 | | | |
| 4 | Marey Town Line | Rome Town Line | 295 | | 2.78 | | | |
| 4 | Floyd Town Line | Rome: E. Corp. Line | 500 | | 2.42 | | | |
| 5 | Rome: E. Corp. Line | Rome: Wood Creek | 5131 | 0.28 | | | | |
| 6 | Rome: Wood Creek | Rome: Knox St. | City | | | 1.90 | | |
| 7 | Rome: Knox St. | Rome: W. Corp. Line | 5131 | 0.92 | | | | |
| 8 | Rome: W. Corp. Line | Lee Town Line | 563 | | 5.11 | | | |
| 9 | Rome Town Line | Taberg | 5139 | 4.69 | | | | |
| 10 | Taberg | | 5139 | 3.35 | | | | |
| 11 | | Camden: Mad River | 5461 | 3.43 | | | | |
| 12 | Camden: Mad River | Camden: W. Corp. Line | 5640 | 1.27 | | | | |
| 12-14 | Camden: W. Corp. Line | Oswego County Line | 5553 | 5.73 | | | | |
| | | County total | 39.75 | 22.25 | 13.63 | 3.87 | | |
| OSWEGO COUNTY | | | | | | | | |
| 1 | Oneida County Line | Amboy Center | | | | | | 3.90 |
| 2 | Amboy Center | | | | | | | 1.54 |
| 3 | | Salmon River | 5638 | 3.06 | | | | |
| 4 | Salmon River | Roth Corner | 5638 | 2.57 | | | | |
| 5 | Roth Corner | Colosse | 5626 | 4.78 | | | | |
| 6 | Colosse | Union Square | 5415 | 3.67 | | | | |
| | | County total | 18.53 | 13.08 | | | | 5.44 |
| | | Route totals | | 35.33 | 13.63 | 3.87 | | 5.44 |

* Not included in total.

Total miles in Route No. 28..... 58.27

STATE ROUTE No. 29

Commencing at Rome, running thence southwesterly to Oneida, being a point on the dividing line between Madison and Oneida counties.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------|-----------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ONEIDA COUNTY | | | | | | | | |
| 0 | Rome: Dominick St. | Rome: Erie Canal | City | | | 0.39 | | |
| 1 | Rome: Erie Canal | Rome: So. Corp. Line | 1111 | | 0.21 | | | |
| 2 | Rome: So. Corp. Line | Rome Custodial Asylum | 564 | | 1.70 | | | |
| 3 | Rome Custodial Asylum | West Moreland Town Line | 5521 | 2.23 | | | | |
| 4 | Rome Town Line | Verona | 5521 | 3.49 | | | | |
| 5, 6 | Verona | Oneida: E. C. L., Mad. C. L. | 5558 | 4.68 | | | | |
| | | County total | 12.70 | 10.40 | 1.91 | 0.39 | | |
| | | Route totals | | 10.40 | 1.91 | 0.39 | | |

Total miles in Route No. 29..... 12.70

STATE ROUTE No. 30

Commencing at Rouses Point, in Clinton county, running thence westerly through the northern part of Clinton county, to a point to be determined by the commission, on the dividing line between Franklin and Clinton counties, running thence westerly by the way of Burke, Malone and Moira, to a point to be determined by the commission, on the dividing line between Saint Lawrence and Franklin counties, running thence westerly to Lawrenceville, running thence southerly to a point at or near Nicholville, running thence westerly and southwesterly by the ways of Potsdam, Canton and Gouverneur, to a point to be determined by the commission, on the dividing line between Jefferson and Saint Lawrence counties, running thence southwesterly by the way of Philadelphia to Watertown, running thence southerly from Watertown, by the way of Adams and Pierrepont Manor, to a point to be determined by the commission on the dividing line between Oswego and Jefferson counties, running thence southerly and southwesterly and westerly by the way of Pulaski and Union Square to Oswego, running thence southerly from Oswego by way of Hannibal to a point to be determined by the commission, on the dividing line between Cayuga and Oswego counties, running thence southwesterly through the northern part of Cayuga county to a point to be determined by the commission on the dividing line between Wayne and Cayuga counties, running thence southwesterly and westerly by the way of Red Creek, Wolcott, Alton, Sodus, Williamson and Ontario to a point to be determined by the commission on the dividing line between Monroe and Wayne counties, running thence southwesterly to the city of Rochester, running thence westerly from the city of Rochester by way of Spencerport, to a point to be determined by the commission, on the dividing line between Orleans and Monroe counties, running thence westerly to points at Albion and Medina, running thence northwesterly and northerly to Ridgway on the Ridge road; thence westerly along the Ridge road to Jeddor, Johnson Creek, Hartland Corners and Ridge Road Settlement; thence southwesterly to Wright's Corners; thence westerly through Warren's Corners and Cambria to a point two and five-tenths miles directly north of Pekin on the Ridge road; thence southerly along the Town Line road through Pekin to a point on the Saunders Settlement road to Sanborn; thence westerly and southwesterly along the Saunders Settlement road to Niagara Falls to connect with route number eighteen; continuing on the River road at the easterly city limits of the city of Niagara Falls and continuing along said river road to the northerly city limits of the city of North Tonawanda and thence southerly along said River road and Main street to the place of intersection of Island street in said city of North Tonawanda;

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|---------------------|-------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| CLINTON COUNTY | | | | | | | | |
| 1 | Rouses Pt.: Main St. (Rt. 22) | Rouses Point: W. Corp. L. | 5228 | 0.55 | | | | |
| 2 | Rouses Point: W. Corp. L. | Champlain: E. Corp. L. | 57 | | 1.00 | | | |
| 3-4 | Champlain: E. Corp. Line | Champlain: W. Corp. Line | 136 | | 1.75 | | | |
| 5 | Champlain: W. Corp. Line | Moorea Town Line | | | | | | 1.80 |
| 6-7 | Champlain Town Line | Moorea Forks | 5102 | 6.47 | | | | 3.10 |
| 8-9 | Moorea Forks | Ellenburg Depot | 5485 | 9.63 | | | | |
| 10-12 | Ellenburg Depot | Franklin County Line | 5520 | 11.83 | | | | |
| County total..... | | | | 36.13 | | | | |
| | | | | 28.48 | 2.75 | | | 4.90 |
| FRANKLIN COUNTY | | | | | | | | |
| 1, 2 | Clinton County Line | Goodspeeds Farm | 5468 | 4.66 | | | | |
| 3 | Goodspeeds Farm | Burke Center | 5613 | | | | 3.55 | |
| 4 | Burke Center | Malone Town Line | 5613 | | | | 3.08 | |
| 5, 6 | Constable Town Line | Malone: N. Y. C. R. R. | 5613 | | | | 3.73 | |
| 7 | Malone: N. Y. C. R. R. | Malone: W. Corp. Line | 5602 | | | | 1.90 | |
| 8 | Malone: W. Corp. Line | North Bangor | 701 | | 4.51 | | | |
| 9 | North Bangor | French Farm | 5031 | 3.00 | | | | |
| 10, 11 | French Farm | Moira: Railroad Crossing | 5076 | 5.20 | | | | |
| 12 | Moira: Railroad Crossing | St. Lawrence County Line | 5284 | 3.31 | | | | |
| County total..... | | | | 33.06 | | | | |
| | | | | 16.20 | 4.51 | | 12.35 | |
| ST. LAWRENCE COUNTY | | | | | | | | |
| 1-3 | Franklin County Line | St. Regis River, Nicholville | 5284 | 8.25 | | | | |
| 4-7 | St. Regis River, Nicholville | Potsdam: E. Corp. Line | 5285 | 14.91 | | | | |
| 8 | Potsdam: E. Corp. Line | Potsdam: Lawrence Ave. | 5308 | 1.15 | | | | |
| | Potsdam: Lawrence Ave. | Potsdam: Park St. | Village | | | 0.06 | | |
| | Potsdam: Park St. | Potsdam: Market St. | 5308 | 0.20 | | | | |
| | Potsdam: Elm St. | Potsdam: Racquette River | Village | | | 0.14 | | |
| | Potsdam: Racquette River | Crowley Farm | 5308 | 1.16 | | | | |
| 9 | Crowley Farm | Trout Brook | 5032 | 5.00 | | | | |
| 10 | Trout Brook | Canton: Grasse River | 5115 | 4.74 | | | | |
| 11 | Canton: Grasse River | | 5116 | 5.45 | | | | |

STATE ROUTE No. 30 — Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | con-tract | Approximate mile-age to be built |
|---------------------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|----------------------|-----------|----------------------------------|
| | | | | State | County | Town or cor-poration | | |
| ST. LAWRENCE COUNTY — Concluded | | | | | | | | |
| 12 | | Gouverneur: No. Corp. L. | 5283 | 18.9 | | | | |
| 13 | Gouverneur: No. Corp. L. | Gouverneur: So. Corp. L. | 5331 | 1.7 | | | | |
| 14 | Gouverneur: So. Corp. L. | Jefferson County Line. | 5287 | 5.99 | | | | |
| | | County total..... | 67.75 | 67.5 | | 0.20 | | |
| JEFFERSON COUNTY | | | | | | | | |
| 1 | St. Lawrence County Line. | Antwerp: Willow St. | 5427 | 5.76 | | | | |
| 2 | Antwerp: Turnpike. | Philadelphia: No. Corp. L. | 5548 | 5.96 | | | | |
| 3 | Philadelphia: No. Corp. L. | Philadelphia: So. Corp. L. | 5548 | 1.25 | | | | |
| 4 | Bacon Corner. | Bacon Corner. | 440 | | 1.40 | | | |
| 5 | Evans Mills: Noble St. | Evans Mills: Noble St. | 5617 | | | | 5.03 | |
| 6 | Wood Corners. | Wood Corners. | | | | | | 2.08 |
| 7 | Sanford Corners. | Sanford Corners. | | | | | | 3.10 |
| 7A | Parker Corners. | Parker Corners. | | | | | | 3.00 |
| 8 | Leroy St. Extension. | Mill St. Extension. | 565 | | 0.65 | | | |
| 8A | Watertown: N. Corp. Line. | Watertown: N. Corp. Line. | | | | 1.41 | | 0.15 |
| 8B | Watertown: Public Square. | Watertown: Washington St. | | | | 1.00 | | |
| 9 | Watertown: Chestnut St. | Watertown: Chestnut St. | | | | 0.85 | | |
| 10 | Watertown: So. Corp. Line. | Rice's Road. | 5426 | 1.81 | | | | |
| 11 | Rice's Road. | Adams Town Line. | 5119 | 3.2 | | | | |
| 12 | Watertown Town Line. | Adams Center. | 425 | | 3.16 | | | |
| 13 | Adams Center. | Adams: Prospect St. | 5269 | 3.5 | | | | |
| 14 | Adams: Prospect St. | Adams: Liberty St. | 5269A | | | | | 0.16 |
| 15 | Adams: Liberty St. | Pierrepont Manor. | 5269 | 5.7 | | | | |
| 16 | Pierrepont Manor. | James Corner. | 5269 | 3.26 | | | | |
| | James Corner. | Mellen Farm. | 5269B | 0.4 | | | | |
| | Mellen Farm. | Oswego County Line. | 5269 | 0.89 | | | | |
| | | County total..... | 53.93 | 31.91 | 5.21 | 3.26 | 5.03 | 8.49 |
| OSWEGO COUNTY | | | | | | | | |
| 1, 2 | Jefferson County Line. | Pulaski: No. Corp. Line. | 5275 | 6.76 | | | | |
| 3 | Pulaski: No. Corp. Line. | Pulaski: Railroad Crossing. | 5275 | 1.39 | | | | |
| 4 | Pulaski: Railroad Crossing. | Fernwood Crossroad. | 5221 | 4.69 | | | | |
| 5 | Fernwood Crossroad. | Union Square. | 5083 | 2.61 | | | | |
| 6 | Union Square. | New Haven Town Line. | 5082 | 2.91 | | | | |
| 7 | | Scriba Town Line. | 5044 | 3.49 | | | | |
| 8 | Mexico Town Line. | Oswego: E. Corp. Line. | 554 | | 5.33 | | | |
| 9 | New Haven Town Line. | Oswego: Bridge St. | 509 | | 5.40 | | | |
| 10 | Oswego: E. Corp. Line. | Oswego: West 6th St. | 5487 | 1.4 | | | | |
| 11 | Oswego: East 9th St. | Oswego: W. Corp. L. | 5186 | 1.14 | | 0.95 | | |
| 12 | Oswego: West 6th St. | Fruit Valley. | 5171 | 2.9 | | | | |
| 13 | Oswego: W. Corp. Line. | Kinney Corners. | | | 1.65 | | | |
| 14 | Fruit Valley. | Hannibal: No. Corp. Line. | | | | | | 3.20 |
| 15 | Southwest Oswego. | Hannibal: So. Corp. Line. | | | | | | 2.60 |
| 16 | Kinney Corners. | Cayuga County Line. | | | | | | 1.20 |
| 17 | Hannibal: No. Corp. Line. | | | | | | | 1.60 |
| | | County total..... | 43.49 | 26.4 | 12.3 | 0.95 | | 8.60 |
| CAYUGA COUNTY | | | | | | | | |
| 1 | Oswego County Line. | Martville. | | | | | | 1.66 |
| 2 | Martville. | Furnaceville. | | | | | | 3.00 |
| 3 | Furnaceville. | Wayne County Line. | | | | | | 3.30 |
| | | County total..... | 7.96 | | | | | 7.96 |
| WAYNE COUNTY | | | | | | | | |
| 1, 2 | Cayuga County Line. | Huron Town Line. | 5290 | 7.02 | | | | |
| 3 | Wolcott Town Line. | Resort: E. End of Bridge. | 8905 | | | | | 3.21 |
| 4 | | Alton: Town Line. | | | | | | 1.97 |
| 5 | Resort: W. End of Bridge. | Wallington: N. Y. C. & H. R. R. | 5632 | | | | 2.64 | |
| 6 | Huron Town Line. | Sodus: Newark St. | 5432 | | | | 3.21 | |
| 7 | Wallington: N. Y. C. & H. R. R. | Williamson. | 5451 | 5.94 | | | | |
| 8, 9 | Sodus: Newark St. | | | | | | | |

STATE ROUTE No. 30 — Continued

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|--------------------------|-----------------------------------|--------------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| WAYNE COUNTY — Concluded | | | | | | | | |
| 10 | Williamson..... | Teats Farm..... | 5449 | 2.29 | | | | |
| 11 | Teats Farm..... | Ontario Center..... | 5378 | 4.53 | | | | |
| 12 | Ontario Center..... | Monroe County Line..... | 5127 | 3.44 | | | | |
| | County total..... | | 36.14 | 23.22 | | | 5.85 | 7.07 |
| MONROE COUNTY | | | | | | | | |
| 1 | Wayne County Line..... | Webster: North St..... | 101 | | 2.88 | | | |
| 2 | Webster: North St..... | West Webster..... | 100 | | 3.40 | | | |
| 3 | West Webster..... | Irondequoit Creek..... | 99 | | 2.96 | | | |
| 4 | Irondequoit Creek..... | Rochester: Old E. Corp. Line..... | 98 | | 1.56 | | | |
| 5 | Rochester: Old E. Corp. Line..... | Rochester: Main St..... | | | | 5.70 | | |
| 6 | Rochester: Culver St..... | Rochester: State St..... | | | | | | |
| 7 | Rochester: Main St..... | Rochester: W. Corp. Line..... | | | | | | |
| 8 | Rochester: W. Corp. Line..... | Barhite's Corner..... | 253 | | 2.12 | | | |
| 9 | Barhite's Corner..... | Ogden Town Line..... | 5529 | 3.25 | | | | |
| 9A | Gates Town Line..... | Spencerport: Union St..... | 5529 | 2.71 | | | | |
| 10 | Spencerport: Lyell St..... | Spencerport: Nichols St..... | 495 | | 0.29 | | | |
| 10A | Spencerport: Union St..... | Sweden Town Line..... | 5539 | | | | 3.83 | |
| 10B | Ogden Town Line..... | Lake Road..... | 5539 | | | | 3.48 | |
| 10C | Fourth Section Road..... | Brookport: So. Corp. Line..... | 171 | | 0.50 | | | |
| 10D | Brookport: So. Corp. Line..... | Brookport: State St..... | | | | 0.65 | | |
| 104 | Brookport: Erie St..... | Brookport: Barge Canal..... | 5581 | 0.14 | | | | |
| 10D | Brookport: Barge Canal..... | Brookport: Main St..... | | | | 0.25 | | |
| 11 | Brookport: Main St..... | Orleans County Line..... | 5425 | 3.26 | | | | |
| | County total..... | | 37.07 | 9.45 | 13.71 | 6.60 | 7.81 | |
| ORLEANS COUNTY | | | | | | | | |
| 1 | Monroe County Line..... | Holley: W. Corp. Line..... | 5421 | 2.40 | | | | |
| 2 | Holley: W. Corp. Line..... | Carpenters Corner..... | 5026 | 2.46 | | | | |
| 3 | Carpenters Corner..... | Howard Corners..... | 5118 | 2.24 | | | | |
| 4 | Howard Corners..... | Albion: E. Corp. Line..... | 5422 | 3.43 | | | | |
| 5 | Albion: E. Corp. Line..... | Albion: W. Corp. Line..... | 5445 | 1.84 | | | | |
| 6-8 | Albion: W. Corp. Line..... | Ridgeway Town Line..... | 5466 | 5.23 | | | | |
| 9, 10 | Albion Town Line..... | Medina: E. Corp. Line..... | 5466 | 3.72 | | | | |
| 11 | Medina: E. Corp. Line..... | Medina: Commercial St..... | 5315 | 1.68 | | | | |
| | Medina: Commercial St..... | Medina: Ryan St..... | 5315A | | | | | 0.12 |
| | Medina: Ryan St..... | Medina Cemetery..... | 5315 | 0.72 | | | | |
| 12 | Medina Cemetery..... | Ridgeway..... | 5423 | 2.27 | | | | |
| | Ridgeway..... | Niagara County Line..... | 5423 | 3.76 | | | | |
| | County total..... | | 29.86 | 29.74 | | | | 0.12 |
| NIAGARA COUNTY | | | | | | | | |
| 1, 2 | Orleans County Line..... | Hartland..... | 5431 | 5.92 | | | | |
| 3, 4 | Hartland..... | Wright's Corners..... | 5319 | 6.63 | | | | |
| 6 | Wright's Corners..... | Warren's Corners..... | 5416 | 3.97 | | | | |
| 7 | Warren's Corners..... | Cambria..... | 5416 | 3.52 | | | | |
| 8 | Cambria..... | Pekin..... | 5417 | 5.46 | | | | |
| 9 | Pekin..... | Sanborn..... | 740 | | 1.98 | | | |
| 10 | Sanborn..... | Niagara Falls: E. Corp. Line..... | 5305 | 7.95 | | | | |
| 11 | Niagara Falls: E. Corp. Line..... | Niagara Falls: Highland Ave..... | | | | 0.43 | | |
| 12 | Niagara Falls: Whirlpool Ave..... | Niagara Falls: Portage St..... | | | | 1.60 | | |
| 13 | Niagara Falls: Eleventh St..... | Niagara Falls: Pine St., Rt. 18..... | | | | 0.30 | | |
| | Also: | | | 33.76 | 1.98 | 2.33 | | |
| 14 | Niagara Falls: E. Corp. Line..... | LaSalle: ———— St..... | | | | | | |
| 15 | LaSalle: ———— St..... | LaSalle: ———— St..... | | | | | | |
| 16 | LaSalle: ———— St..... | LaSalle: E. Corp. Line..... | | | | | | 3.12 |
| 17 | LaSalle: E. Corp. Line..... | No. Tonawanda: W. Corp. L..... | | | | | | 2.31 |
| 18 | No. Tonawanda: W. Corp. L..... | No. Tonawanda: ———— St..... | | | | | | |
| 19 | No. Tonawanda: ———— St..... | No. Tonawanda: ———— St..... | | | | | | |
| 20 | No. Tonawanda: ———— St..... | No. Tonawanda: Island St..... | | | | | | |
| | County total..... | | 46.24 | 23.76 | 1.98 | 5.07 | | 5.43 |
| | Route totals..... | | | 386.81 | 40.54 | 16.08 | 20.84 | 43.57 |

Total miles in main line, Route No. 30..... 386.84

STATE ROUTE No. 30—Concluded

Spur Number One

Also continuing a spur from the point in Center street in the village of Medina where said route thirty as above described turns toward the north, and from said point in said village of Medina continuing said spur westerly along Center street and the country highway to and through the village of Middleport and thence westerly along the settlement and canal roads to and through Gasport and thence continuing southerly to McNalls Corners and thence continuing westerly along the Lewiston road to the city of Lockport, in Niagara county.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|---|-------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ORLEANS COUNTY | | | | | | | | |
| 1-01 | Medina: Prospect St. | Medina: W. Corp. Line | | | | | | 0.70 |
| 1-02 | Medina: W. Corp. Line | Niagara County Line | | | | | | 3.00 |
| | County total | | 3.70 | | | | | 3.70 |
| NIAGARA COUNTY | | | | | | | | |
| 1-01 | Orleans County Line | Middleport: Telegraph Rd. | 5580 | 1.32 | | | | |
| 1-02 | Middleport: Main St. | Griswold St. | 1135 | | 0.70 | | | |
| 1-03 | Griswold St. | Gasport: Main St. | 5581 | 4.40 | | | | |
| 1-04 | Gasport: State St. | McNalls | 5582 | 2.33 | | | | |
| 1-05 | McNalls | Lockport: E. Corp. Line | 5583 | 5.07 | | | | |
| 1-06 | Lockport: E. Corp. Line | Lockport: St. | | | | 0.34 | | |
| | County total | | 14.10 | 13.12 | 0.70 | 0.34 | | |
| | Spur totals | | | 13.12 | 0.70 | 0.34 | | 3.70 |
| Total miles in Spur No. 1, Route No. 30 | | | | | | | | 17.86 |

Spur Number Two

Also continuing a spur from the point in the Ridge road in the town of Ridgeway where said route thirty as above described turns toward the west, and from said point at said Ridgeway continuing said spur easterly along said Ridge road to the dividing line between Orleans and Monroe counties.

Amended by L. 1914, ch. 276.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|----------------|-----------------------|---------------------|----------------|---|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ORLEANS COUNTY | | | | | | | | |
| 2-01 | Ridgeway: Medina Road | Ridgeway: Lake Road | 5556 | 0.17 | | | | 4.90 |
| 2-02 | Ridgeway: Lake Road | West Gaines | | | | | | 4.80 |
| 2-03 | West Gaines | Gaines | | | | | | 4.20 |
| 2-04 | Gaines | East Gaines | | | | | | 4.80 |
| 2-05 | East Gaines | Murray | | | | | | 2.90 |
| 2-06 | Murray | Monroe County Line | | | | | | |
| Spur totals | | | | 0.17 | | | | 21.10 |
| | | | | 0.17 | | | | 21.10 |
| | | | | 0.17 | | | | 21.10 |
| | | | | Total miles in Spur No. 2, Route No. 30 | | | | 21.27 |
| | | | | Total miles in Route No. 30 | | | | 435.67 |

STATE ROUTE No. 30A

Commencing at the point mentioned in the description of route twenty-seven at or near Carthage, on the dividing line between Jefferson and Lewis counties, running thence northerly and northwesterly to Antwerp in Jefferson county, terminating at and intersecting route thirty at or near Antwerp aforesaid.

Added by L. 1910, ch. 650.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|------------------|-------------------------------|------------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| JEFFERSON COUNTY | | | | | | | | |
| 1A | Carthage: School St. (Rt. 27) | Carthage: No. Wash. St. | 5402 | | | | | 0.28 |
| 1 | Carthage: No. Wash. St. | Carthage: No. Corp. Line | 5344 | 0.73 | | | | |
| 2 | Carthage: No. Corp. Line | Fargo | 624 | | 3.00 | | | |
| 3 | Fargo | North Wilna | | | | | | 4.67 |
| 4 | North Wilna | | | | | | | 3.68 |
| 5 | | Antwerp: So. Corp. Line | 5618 | | | | 3.50 | |
| 6 | Antwerp: So. Corp. Line | Antwerp: Indian River | 5618 | | | | 0.46 | |
| 7 | Antwerp: Indian River | Antw'p: Mechanic St. (Rt.30) | 5548 | 0.06 | | | | |
| | | | | 0.79 | 3.00 | | 4.05 | 8.63 |
| | | | | 0.79 | 3.00 | | 4.05 | 8.63 |
| | Route totals | | | | | | | |

Total miles in Route No. 30A..... 16.5

STATE ROUTE No. 31

Commencing at Malone, Franklin county, running thence southerly by the way of a point at or near Duane and Meacham Lake to Saranac Junction.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|-----------------------|--------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| | | | | | | | | |
| FRANKLIN COUNTY | | | | | | | | |
| 1, 2 | Malone: West Main St. | Lake Titus | 5552 | 8.78 | | | | |
| 3 | Lake Titus | Duane Town Line | | | | | | 3.32 |
| 4 | Malone Town Line | Duane Center | | | | | | 4.28 |
| 5 | Duane Center | Long Pond Inlet | 9007 | | | 2.48 | | |
| 6 | Long Pond Inlet | Clear Pond | 9007 | | | 3.73 | | |
| 7 | Clear Pond | Brighton Town Line | 9007 | | | 3.22 | | |
| 8 | Duane Town Line | Forestmore Lake | 9007 | | | 3.38 | | |
| 9 | Forestmore Lake | Mountain Pond | 9007 | | | 2.62 | | |
| 10 | Mountain Pond | Paul Smith's | | | | | | 3.01 |
| 11 | Paul Smith's | Upper St. Regis | | | | | | 2.60 |
| 12 | Upper St. Regis | Saranac Junction | | | | | | 4.10 |
| | | | | 8.78 | | 15.43 | | 17.30 |
| | | Route totals | | 8.78 | | 15.43 | | 17.30 |

Total miles in Route No. 31..... 41.51

STATE ROUTE No. 32

Commencing at Lawrenceville in Saint Lawrence county, running thence northerly to North Lawrence, running thence westerly to Brasher Falls, running thence southwesterly to Winthrop, running thence northerly to Massena, running thence northerly on the Town Line road between the towns of Massena and Louisville to the Saint Lawrence river road, running thence westerly and southwesterly on the Saint Lawrence river road to the village of Waddington, running thence westerly and southwesterly on the roads known as the Sucker Brook and Van Rensselaer roads to the end of the boulevard at the corporation line of the city of Ogdensburg.

Amended by L. 1911, ch. 179.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------|---------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ST. LAWRENCE COUNTY | | | | | | | | |
| 1 | Lawrenceville | North Lawrence | 5439 | 3.64 | | | | |
| 2 | North Lawrence | Winthrop | 5509 | 5.81 | | | | |
| 3 | Winthrop | Munson Creek | | | | | | 1.81 |
| 4 | Munson Creek | Norfolk Town Line | | | | | | 2.66 |
| 5 | Stockholm Town Line | Kinier Corners | | | | | | 2.40 |
| 6 | Kinier Corners | Massena | | | | | | 3.06 |
| 7 | Massena | Massena: W. Corp. Line | 5467 | 1.85 | | | | |
| 8 | Massena: W. Corp. Line | Louisville Town Line | 521 | | 0.60 | | | |
| 9 | Louisville Road | Richards Landing | 5536 | 2.76 | | | | |
| 10 | Richards Landing | Louisville Landing | 5536 | 2.56 | | | | |
| 11 | Louisville Landing | Wilson Hill | 5536 | 3.08 | | | | |
| 12 | Wilson Hill | Waddington Town Line | 5612 | | | | 4.63 | |
| 13 | Louisville Town Line | Waddington: E. Corp. Line | 5612 | | | | 3.40 | |
| 14 | Waddington: E. Corp. Line | Waddington: DeGross Ave. | 5612 | | | | 1.09 | |
| 15 | Waddington: DeGross Ave. | Waddington: W. Corp. Line | 5535 | 1.00 | | | | |
| 16 | Waddington: W. Corp. Line | Liabon Town Line | 5535 | 5.65 | | | | |
| 17 | Waddington Town Line | Red Mills Road | 5497 | 6.33 | | | | |
| 18 | Red Mills Road | Tibbitts Creek | 5497 | 3.46 | | | | |
| | Tibbitts Creek | Ogdensburg: Caroline St. | 5258 | 3.49 | | | | |
| | Ogdensburg: Caroline St. | Ogdensburg: Catherine St. | City | | | 0.23 | | |
| | Ogdensburg: Catherine St. | Ogdensburg: W. Corp. Line | 5258 | 1.08 | | | | |
| Route totals | | | | 40.66 | 0.60 | | 9.12 | 9.92 |
| | | | | 40.66 | 0.60 | | 9.12 | 9.92 |
| Total miles in Route No. 32 | | | | | | | | 60.30 |

STATE ROUTE No. 33

Commencing at Syracuse, running thence northerly to a point to be determined by the commission, on the dividing line between Oswego and Onondaga counties, running thence northerly by the way of Central Square to a point at or near Colosse on route number twenty-eight.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|----------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ONONDAGA COUNTY | | | | | | | | |
| 1 | Syracuse: No. Corp. Line..... | North Syracuse..... | 5470 | 4.11 | | | | |
| 2 | North Syracuse..... | Cicero..... | 5470 | 2.57 | | | | |
| 3 | Cicero..... | Brewerton, Oswego Co. Line..... | 5249 | 4.84 | | | | |
| | County total..... | | 11.52 | 11.52 | | | | |
| OSWEGO COUNTY | | | | | | | | |
| 1 | Onondaga County Line..... | Central Sq.: So. Corp. Line.. | 278 | | 2.41 | | | |
| 2 | Central Sq.: So. Corp. Line..... | Hastings..... | 5250 | 7.00 | | | | |
| 3 | Hastings..... | Colosse, Rt. 28..... | 5415 | 3.12 | | | | |
| | County total..... | | 12.53 | 10.12 | 2.41 | | | |
| | Route totals..... | | | 21.64 | 2.41 | | | |
| Total miles in Route No. 33..... | | | | | | | | 24.05 |

STATE ROUTE No. 34

Commencing at the city of Oswego on the east side of the river, running thence by the way of Fulton through Phoenix to a point to be determined by the commission on the dividing line between Onondaga and Oswego counties, running thence by the way of Liverpool to Syracuse.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|---------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| OSWEGO COUNTY | | | | | | | | |
| 1 | Oswego: Bridge St | Oswego: So. Corp. Line | 5382 | 2.40 | | | | |
| | Oswego: So. Corp. Line | Bundy Crossing | 5382 | 3.71 | | | | |
| | Bundy Crossing | Fulton: No. Corp. Line | 5382 | 3.79 | | | | |
| | Fulton: No. Corp. Line | Fulton: Oneida St. | 5382 | 0.95 | | | | |
| 1A | Fulton: Oneida St | Fulton: Rochester St. | City | | | 0.18 | | |
| 2 | Fulton: Rochester St. | Fulton: Broadway | 5408 | 0.36 | | | | |
| 2A | Fulton: Broadway | Fulton: First St. R. R. | City | | | 0.68 | | |
| 3 | Fulton: First St. R. R. | Fulton: So. Corp. Line | 5251 | 0.77 | | | | |
| | Fulton: So. Corp. Line | Schroepel Town Line | 5251 | 3.48 | | | | |
| 4 | Volney Town Line | Phoenix: No. Corp. Line | 5276 | 3.22 | | | | |
| | Phoenix: No. Corp. Line | Phoenix: So. Corp. Line | 5276 | 1.52 | | | | |
| | Phoenix: So. Corp. Line | Oneida River | 5276 | 1.43 | | | | |
| | County total | | 22.49 | | | | | |
| | | | | 21.63 | | 0.86 | | |
| ONONDAGA COUNTY | | | | | | | | |
| 1 | Oswego County Line | Liverpool: No. Corp. Line | 5274 | 7.49 | | | | |
| 2 | Liverpool: No. Corp. Line | Syracuse: No. Corp. Line | 5274 | 3.02 | | | | |
| 3 | Syracuse: No. Corp. Line | Syracuse: Free St. | 5477 | 0.70 | | | | |
| | County total | | 11.21 | | | | | |
| | | | | 11.21 | | | | |
| | Route totals | | | 32.48 | | 0.86 | 0.36 | |

Total miles in Route No. 34. 33.70

STATE ROUTE No. 35

Commencing at a point to be determined by the commission on the dividing line between Nassau and Queens counties, running thence easterly through the northern portion of Nassau county to a point to be determined by the commission on the dividing line between Suffolk and Nassau counties, running thence easterly by the way of Jericho turnpike to Smithtown branch, Saint James. Port Jefferson and Wading River to Riverhead, running thence southerly to West Hampton running thence westerly by the way of south country road to Patchogue, Sayville, Islip, Bay Shore and Babylon to Amityville, running thence westerly to a point to be determined by the commission on the dividing line between Nassau and Suffolk counties, running thence westerly through the southern portion of Nassau county to a point to be determined by the commission on the dividing line between Queens and Nassau counties.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------|----------------------------|-------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| NASSAU COUNTY | | | | | | | | |
| 1 | N. Y. City: E. Corp. Line. | Lakeville. | 5106 | 1.17 | | | | |
| 1A | Lakeville. | District Road. | Town | | | 0.06 | | 0.07 |
| 2 | District Road. | Hyde Park Ave. | 5280 | | | 0.51 | | |
| 2A | Hyde Park Ave. | Manhasset Road. | 5280 | | | | 1.50 | |
| 3 | Manhasset Road. | Roslyn Ave. | 5051 | 1.96 | | | | |
| 4 | Roslyn Ave. | Riley Road. | 5106 | 1.39 | | | | |
| 5 | Riley Road. | Ellison's Lane. | 5505 | 0.51 | | | | |
| 6 | Ellison's Lane. | Morgan Road. | 547 | | 1.75 | | | |
| 7 | Morgan Road. | Jericho-Greenvale Road. | 5505 | 2.40 | | | | |

STATE ROUTE No. 35—Concluded

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|-----------------------------|-------------------------------|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|--------|
| | | | | State | County | Town or corporation | | | |
| NASSAU COUNTY—Continued | | | | | | | | | |
| 8 | Jericho-Greenvale Road | Brookville | | | | | | 1.00 | |
| 8A | Brookville | East Norwich | Town | | | 2.56 | | | |
| 9 | East Norwich | Sandhill Road | 898 | | 1.17 | | | | |
| 10 | No. Hempstead Turnpike | Syosett | 548 | | 1.84 | | | | |
| 11 | Syosett | Woodbury | | | | | | 1.80 | |
| 12 | Woodbury | Suffolk County Line | 436 | | 1.40 | | | | |
| (Continued below) | | | | | | | | | |
| SUFFOLK COUNTY | | | | | | | | | |
| 1 | Nassau County Line | | 5008 | 3.55 | | | | | |
| 2 | | Commack | 5111 | 5.02 | | | | | |
| 3 | Commack | Smithtown | 5112 | 4.99 | | | | | |
| 4, 5 | Smithtown | Port Jefferson | 5232 | 11.58 | | | | | |
| 5A | Port Jefferson | Echo | 912 | | 1.40 | | | | |
| 6 | Echo | Miller Place | | | | | | 3.80 | |
| 7 | Miller Place | Rocky Point | | | | | | 3.40 | |
| 8 | Rocky Point | Wading River | | | | | | 4.10 | |
| 9 | Wading River | Calverton Road | | | | | | 5.10 | |
| 10 | Calverton Road | Centerville | | | | | | 3.30 | |
| 11 | Centerville | Riverhead | | | | | | 4.20 | |
| 11A | Riverhead | Quogue Depot Road | 694 | | 3.04 | | | | |
| 12 | Old Riverhead Road | West Hampton | | | | | | 4.00 | |
| 13 | West Hampton | Eastport | | | | | | 4.41 | |
| 14 | Eastport | E. Moriches: Grade Crossing | | | | | | 2.33 | |
| 15 | E. Moriches: Grade Crossing | Forge River | | | | | | 4.80 | |
| 16 | Forge River | Bellport: E. Corp. Line | 5488 | 7.02 | | | | | |
| | Bellport: E. Corp. Line | Bellport: W. Corp. Line | 5488 | 1.18 | | | | | |
| | Bellport: W. Corp. Line | Patchogue: E. Corp. Line | 5488 | 3.16 | | | | | |
| 17 | Patchogue: E. Corp. Line | Patchogue: W. Corp. Line | | | | | | 0.78 | |
| 18 | Patchogue: W. Corp. Line | Islip Town Line | 5488 | 1.53 | | | | | |
| 19 | Brookhaven Town Line | Connetquot River | 5301 | 6.57 | | | | | |
| 20 | Connetquot River | Bayshore: Clinton Ave. | 5301 | 6.25 | | | | | |
| 21 | Bayshore: Clinton Ave. | Babylon: E. Corp. Line | 743 | | 4.08 | | | | |
| 22 | Babylon: E. Corp. Line | Babylon: W. Corp. Line | 5299 | 1.32 | | | | | |
| 23 | Babylon: W. Corp. Line | Amityville: E. Corp. Line | 693 | | 3.32 | | | | |
| 24 | Amityville: E. Corp. Line | Nassau County Line | 5300 | 1.04 | | | | | |
| County total | | | | 105.77 | | | | 40.22 | |
| NASSAU COUNTY—Continued | | | | | | | | | |
| 13 | Suffolk County Line | Seaford | Town | | | 3.20 | | | |
| 14 | Seaford | Fresport: E. Corp. Line | Town | | | 4.80 | | | |
| 15-17 | Fresport: E. Corp. Line | Fresport: W. Corp. Line | Village | | | 2.00 | | | |
| 18 | Fresport: W. Corp. Line | Rockville Center: E. Corp. L. | Town | | | 1.45 | | | |
| 19-21 | Rockville Center: E. Corp. L. | Rockville Center: W. Corp. L. | Village | | | 1.40 | | | |
| 22 | Rockville Center: W. Corp. L. | Lynbrook: E. Corp. Line | Town | | | 0.20 | | | |
| 23-25 | Lynbrook: E. Corp. Line | Lynbrook: W. Corp. Line | Village | | | 1.10 | | | |
| 26 | Lynbrook: W. Corp. Line | N. Y. City: E. Corp. Line | Town | | | 2.80 | | | |
| County total | | | | 37.94 | | | | | |
| Route totals | | | | | 7.33 | 6.16 | 20.08 | 1.57 | 2.80 |
| | | | | | 60.54 | 18.50 | 20.08 | 1.57 | 43.02 |
| Total miles in Route No. 35 | | | | | | | | | 143.71 |

STATE ROUTE No. 36

Commencing at Owego in Tioga county, running thence northerly to a point to be determined by the commission on the dividing line between Tompkins and Tioga counties, running thence northwesterly to the city of Ithaca, running thence northwesterly from the city of Ithaca to Trumansburg, at or near the dividing line between Seneca and Tompkins counties, running thence northwesterly and northerly by the way of Ovid to a point to be determined by the commission on route number six.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|-----------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| TIOGA COUNTY | | | | | | | | |
| 1 | Owego: Park and Main Sts. | Owego: Temple St. | City | | | 0.16 | | |
| 2 | Owego: Temple St. | Owego: No. Corp. Line. | 5420 | 1.11 | | | | |
| 3 | Owego: No. Corp. Line. | Owego Creek | 5420 | 0.52 | | | | |
| 4 | Owego Creek | Catsontk. | 5471 | 2.83 | | | | |
| 5 | Catsontk. | Candor: So. Corp. Line. | 5471 | 4.82 | | | | |
| 6 | Candor: So. Corp. Line. | Dry Brook | 5471 | 1.43 | | | | |
| 7 | Dry Brook | Willseyville | | | | | | 4.70 |
| 8 | Willseyville | Tompkins County Line. | | | | | | 2.90 |
| County total | | | | 18.47 | 10.71 | 0.16 | | 7.60 |
| TOMPKINS COUNTY | | | | | | | | |
| 1, 2 | Tioga County Line. | Danby | 5213 | 4.34 | | | | |
| 3 | Danby | Ithaca: Town Line | 5122 | 3.24 | | | | |
| 4 | Danby Town Line | Ithaca: So. Corp. Line. | 5043 | 2.50 | | | | |
| 5 | Ithaca: So. Corp. Line. | Ithaca: State St. | City | | | 0.60 | | |
| 6 | Ithaca: Aurora St. | Ithaca: Humboldt St. | City | | | 1.00 | | |
| 7 | Ithaca: West State St. | Ithaca: No. Corp. Line. | 5190 | 1.06 | | | | |
| 8 | Ithaca: No. Corp. Line. | Trumansburg: E. Corp. L. | 616 | | 8.66 | | | |
| 9 | Trumansburg: E. Corp. L. | Seneca County Line. | 5206 | 1.54 | | | | |
| County total | | | | 23.03 | 12.77 | 8.66 | 1.60 | |
| SENECA COUNTY | | | | | | | | |
| 1 | Tompkins County Line. | Interlaken: So. Corp. Line. | 5446 | 5.80 | | | | |
| 2 | Interlaken: So. Corp. Line. | Interlaken: No. Corp. Line. | 5446 | 0.70 | | | | |
| 3 | Interlaken: No. Corp. Line. | Scott Corners | | | | | | 3.60 |
| 4 | Scott Corners | Ovid: Main St. | | | | | | 3.40 |
| 5 | Ovid: So. Corp. Line. | Ovid: No. Corp. Line. | 5282 | 0.80 | | | | |
| 6 | Ovid: No. Corp. Line. | Romulus | 5282 | 6.08 | | | | |
| 7 | Romulus | Fayette | 321 | | 4.32 | | | |
| 8, 9 | Fayette | Seneca Falls: So. Corp. L. | 320 | | 5.74 | | | |
| 10 | Seneca Falls: So. Corp. L. | Seneca F's: Cayuga St. (Rt. 6) | 5100 | 0.92 | | | | |
| County total | | | | 31.35 | 14.30 | 10.06 | | 7.09 |
| Route totals | | | | | 37.78 | 18.72 | 1.76 | 14.69 |

Total miles in Route No. 36..... 72.86

STATE ROUTE No. 37

Commencing at a point on route twenty-six at Dolgeville, running thence easterly along the old state road by way of Oppenheim, Lasellville, *Garoga and Rockwood to the city of Johnstown. in Fulton county, running thence easterly by way of West Perth to Perth Center, thence in a northerly direction to Broadalbin by way of Vail Mills, thence easterly through Mills Corners to a point to be determined by the commission on the dividing line between Saratoga and Fulton counties, thence easterly through Whiteside Corners, Greens Corners, Mosherville, East Galway, Rock City Falls, and North Milton to Saratoga Springs, connecting there with route number twenty-five.

Amended by L. 1912, ch. 475.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under construction | Approximate miles to be built |
|----------------------------------|-----------------------------|------------------------------|----------------|-----------------|--------|---------------------|--------------------------|-------------------------------|
| | | | | State | County | Town or corporation | | |
| FULTON COUNTY | | | | | | | | |
| 1 | Dolgeville (Rt. 26) | Oppenheim | 5626 | | | | | 4.90 |
| 2 | Oppenheim | Lasellville | | | | | | 5.18 |
| 3 | Lasellville | Christmans | | | | | | 2.78 |
| 4, 5 | Christmans | Red School House | 5554 | 4.58 | | | | |
| 6 | Red School House | Warren Creek | 247 | | 3.18 | | | |
| 7 | Warren Creek | Johnstown: W. Corp. L. | 109 | | 2.80 | | | |
| 8 | Johnstown: W. Corp. Line | Johnstown: Main St. | City | | | 0.87 | | |
| 9 | Johnstown: William St. | Johnstown: Fon Clair St. | City | | | 0.44 | | |
| 10 | Johnstown: Fon Clair St. | Johnstown: E. Corp. Line | City | | | 0.52 | | |
| 11 | Johnstown: E. Corp. Line | West Perth | | | | | | 4.50 |
| 12 | West Perth | Perth | | | | | | 4.20 |
| 13 | Perth | Mayfield Town Line | 249 | | 0.75 | | | |
| 14 | Perth Town Line | Broadalbin: Bridge St. | 543 | | 3.07 | | | |
| 15 | Broadalbin: Main St. | Saratoga County Line | | | | | | 4.90 |
| County total..... 42.17 | | | | 4.58 | 9.30 | 1.83 | | 26.46 |
| SARATOGA COUNTY | | | | | | | | |
| 1 | Fulton County Line | Carpentier Corners | | | | | | 3.31 |
| 2 | Carpentier Corners | East Galway | | | | | | 3.80 |
| 3 | East Galway | Rock City Falls | | | | | | 3.80 |
| 4 | Rock City Falls | North Milton | | | | | | 2.70 |
| 5 | North Milton | Saratoga Spgs.: W. Corp. L. | | | | | | 4.20 |
| 6 | Saratoga Spgs.: W. Corp. L. | Saratoga Spgs.: ——— St. | City | | | 0.70 | | |
| 7 | Saratoga Spgs.: ——— St. | Saratoga Spgs.: Route No. 25 | City | | | 0.30 | | |
| County total..... 18.80 | | | | | | 1.00 | | 17.80 |
| Route totals..... | | | | 4.58 | 9.30 | 2.83 | | 44.26 |
| Total miles in Route No. 37..... | | | | | | | | 60.97 |

* So in original.

STATE ROUTE No. 37A

Beginning at the village of Ballston Spa, on route twenty-five, running thence westerly along the town line road between the towns of Ballston and Milton, through Tibbetts Corners, Harmony Corners and Pettita Corners to Scotch church, and thence northerly through Galway village, connecting with route thirty-seven at General Carpenter mansion.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|--------------------------------|-----------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SARATOGA COUNTY | | | | | | | | |
| 1 | Ballston Spa: Low St. (Rt. 25) | Ballston Spa: Ballston Ave. | 5592 | ..... | ..... | ..... | ..... | 0.34 |
| 2 | Ballston Spa: Ballston Ave. | Tibbette Corners | 5534 | 4.98 | ..... | ..... | ..... | ..... |
| 3 | Tibbette Corners | Scotch Church | 5542 | 4.51 | ..... | ..... | ..... | ..... |
| 4 | Scotch Church | Galway | ..... | ..... | ..... | ..... | ..... | 3.26 |
| | Galway | Carpenter Corners (Rt. 37) | ..... | ..... | ..... | ..... | ..... | 3.45 |
| Route totals |  |  | ..... | 9.49 | ..... | ..... | ..... | 6.89 |

Total miles in Route No. 37A..... 16.38

STATE ROUTE No. 37B

Beginning at the hamlet of Malta, in the town of Malta, Saratoga county, and running thence westerly to East Line; thence northwesterly to Corps Corners; thence northerly through V Corners to the village of Ballston Spa.

Amended by L. 1912, ch. 542.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------|------------|-------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SARATOGA COUNTY | | | | | | | | |
| 1, 2 | Malta..... | State Route No. 25..... | 5519 | 3.88 | | | | |

Total miles in Route No. 37B..... 3.88

STATE ROUTE No. 38

Commencing at such point in or near the village of Schoharie, in the county of Schoharie, in the line of route number seven as the commission may determine; running thence southerly through the towns of Schoharie, Middleburg, Fulton, Blenheim, Gilboa and Conesville to, and intersecting route number five, at a point to be determined by the commission.

Added by L. 1909, ch 504.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|----------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SCHOHARIE COUNTY | | | | | | | | |
| 1 | Vrooman (Rt. 7) | Schoharie: Railroad Ave..... | 5444 | 1.00 | | | | |
| 2 | Schoharie: Railroad Ave..... | Schoharie: Bridge St..... | 5404 | 0.70 | | | | |
| 3 | Schoharie: Bridge St..... | Middleburg: Schoharie Creek..... | 5444 | 4.53 | | | | |
| 4 | Middleburg: Schoharie Creek..... | Fulton Town Line..... | 5577 | | | | 0.76 | |
| 5 | Middleburg: Town Line..... | Fultonham..... | 5577 | | | | 4.00 | |
| 6 | Fultonham..... | Breakabeen..... | 5577 | | | | 3.19 | |
| 7 | Breakabeen..... | North Blenheim..... | | | | | | 3.90 |
| 8 | North Blenheim..... | Gilboa Town Line..... | | | | | | 4.40 |
| 9 | Blenheim Town Line..... | Gilboa..... | | | | | | 3.50 |
| 10 | Gilboa..... | Greene County Line..... | | | | | | 3.10 |
| County total..... 29.13 | | | | 6.25 | | | 7.95 | 14.90 |
| GREENE COUNTY | | | | | | | | |
| 1 | Schoharie County Line..... | Delaware County Line..... | | | | | | 0.50 |
| (Continued below) | | | | | | | | |
| DELAWARE COUNTY | | | | | | | | |
| 4 | Greene County Line..... | Greene County Line..... | | | | | | 1.20 |
| (Continued below) | | | | | | | | |
| GREENE COUNTY — Continued | | | | | | | | |
| 2 | Delaware County Line..... | Prattville (Rt. 5A)..... | | | | | | 1.50 |
| | Prattville..... | Delaware County Line..... | Rt. 5A | | 0.80 | | | |
| County total..... 2.00 | | | | | | | | 2.00 |
| DELAWARE COUNTY — Continued | | | | | | | | |
| | Greene County Line..... | Grand Gorge (Rt. 5)..... | 5527 | 3.90 | | | | |
| County total..... 5.10 | | | | 3.90 | | | | 1.20 |
| Route totals..... | | | | 10.15 | | | 7.95 | 18.10 |
| Total miles in Route No. 38 | | | | | | | | 36.23 |

* Not included in total.

STATE ROUTE No. 38A

Commencing at the village of Cobleskill, Schoharie county, upon State Route 7, and running thence northwesterly, or westerly and northerly, along a course to be determined by the Commission to Sharon Springs, connecting thereat with an improved stone road leading northerly from Sharon Springs.

Added by L. 1912, ch. 179.

| Section number | FROM | TO | Highway number | Miles Completed | | | con- tract | Approximate mile- age to be built |
|------------------|---------------------------------|-------------------------------|----------------|-----------------|--------|--------------------------|---------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| SCHOHARIE COUNTY | | | | | | | | |
| 1 | Cobleskill: Main St. (Rt. 7) .. | Cobleskill: No. Corp. Line .. | | | | | | 1.00 |
| 2 | Cobleskill: No. Corp. Line .. | Carlisle Town Line .. | | | | | | 2.20 |
| 3 | Cobleskill Town Line .. | Sharon .. | | | | | | 3.80 |
| 4 | Sharon .. | Sharon Springs .. | 5569 | 4.70 | | | | |
| Route totals .. | | | | 4.70 | | | | 7.00 |

Total miles in Route No. 38A .. 11.70

STATE ROUTE No. 39

Commencing at a point on route twenty-five in the county of Saratoga at or near Ballston lake; thence southwesterly to a point to be determined by the commission on the dividing line between the counties of Saratoga and Schoenectady; thence southwesterly to a point at or near the city of Schoenectady connecting with route six.

Added by L. 1910, ch. 649.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|--------------------|------------------------------|------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SARATOGA COUNTY | | | | | | | | |
| 1 | Ballston Lake Hamlet (Rt.25) | Schenectady County Line... | 5281 | 1.77 | | | | |
| SCHENECTADY COUNTY | | | | | | | | |
| 1 | Saratoga County Line..... | Scotia: No. Corp. Line..... | 5314 | 5.45 | | | | |
| 2 | Scotia: No. Corp. Line..... | Scotia: Mohawk Ave. (Rt. 6). | 5496 | 0.90 | | | | |
| | | | | 6.35 | | | | |
| | | | | 8.12 | | | | |
| | | Route totals..... | | | | | | |

Total miles in Route No. 39 .. 8.12

STATE ROUTE No. 39A

Commencing at a point to be determined by the commission on route nine, running thence northerly through the hamlet of Sullivanville, running thence through Bacon Hollow to a point to be determined by the commission on the dividing line between Chemung and Schuyler counties, running thence in a general easterly direction to a point to be determined by the commission on the dividing line between Schuyler and Tompkins counties, running thence northeasterly through Pony Hollow and the village of Newfield to connect with route thirty-six.

Amended by L. 1911, ch. 531.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|------------------------------|----------------------------|---------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| CHEMUNG COUNTY | | | | | | | | | |
| 1 | Stermer's Corners, Route 9 | Newtown Creek | 5432 | | | | 4.34 | | |
| 2 | Newtown Creek | Schuyler County Line | 5432 | | | | 3.52 | | |
| | County total | | 7.86 | | | | 7.86 | | |
| SCHUYLER COUNTY | | | | | | | | | |
| 1 | Chemung County Line | Decker's Corners | 5432 | | | | 1.12 | | |
| 2 | Decker's Corners | Tompkins County Line | 5474 | 1.31 | | | | | |
| | County total | | 2.43 | 1.31 | | | 1.12 | | |
| TOMPKINS COUNTY | | | | | | | | | |
| 1, 2 | Schuyler County Line | Newfield: W. Corp. Line | 5474 | 6.26 | | | | | |
| 3 | Newfield: W. Corp. Line | W. Danby Road, Rt. 9 | 5214 | 4.52 | | | | | |
| | Newfield Road | Ithaca: State St., Rt. 36 | Rt. 9 | *0.57 | *3.06 | *0.60 | | | |
| | County total | | 10.78 | 10.78 | | | | | |
| | Route totals | | | 12.09 | | | 8.98 | | |
| Total miles in Route No. 39A | | | | | | | | | 21.07 |

* Not included in total.

STATE ROUTE No. 39B

Commencing at a point on route number three at or near the village of Nyaack, in Rockland county, running thence westerly and northerly through Rockland county, by way of Suffern, to a point to be determined by the commission on the dividing line between Rockland and Orange counties; thence through Orange county to a point to be determined by the commission on route number four.

Amended by L. 1911, ch. 662.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|----------------------------------|-----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| ROCKLAND COUNTY | | | | | | | | |
| 1 | Nyaack: Midland Ave. (Rt. 3) | Nyaack: W. Corp. Line..... | Village | | | 0.23 | | |
| 2 | Nyaack: W. Corp. Line..... | Knappe Corners..... | 5178 | 2.20 | | | | |
| 2A | Knappe Corners..... | Nanuet Road..... | 689 | | 2.27 | | | |
| 3 | Nanuet Road..... | Dyke's Crossing..... | 5504 | 0.29 | | | | |
| 3A | Dyke's Crossing..... | Spring Valley: E. Corp. Line..... | 689 | | 1.26 | | | |
| 4 | Spring Valley: E. Corp. L..... | Spring Valley: W. Corp. L..... | 5428 | 1.00 | | | | |
| 4A | Spring Valley: W. Corp. L..... | Tallman..... | 9000 | | | 2.30 | | |
| 4B | Tallman..... | Suffern: E. Corp. Line..... | 9000 | | | 1.80 | | |
| 5 | Suffern: E. Corp. Line..... | Suffern: _____ St..... | Village | | | 0.50 | | |
| | Suffern: _____ St..... | Suffern: Orange Ave..... | | | | | | 0.59 |
| 6 | Suffern: Spring Valley Road..... | Suffern: No. Corp. Line..... | 5388 | 0.44 | | | | |
| 6A | Hillburn: So. Corp. Line..... | Hillburn: No. Corp. Line..... | 5388 | 1.05 | | | | |
| 7 | Hillburn: No. Corp. Line..... | Orange County Line..... | 91 | | 2.90 | | | |
| | | | | 5.08 | 7.43 | 4.83 | | 0.59 |
| Also: | | | | | | | | |
| 6 | Suffern: Spring Valley Rd.... | New Jersey State Line..... | 5388 | 0.66 | | | | |
| | | County total..... | 18.59 | 5.74 | 7.43 | 4.83 | | 0.59 |
| ORANGE COUNTY | | | | | | | | |
| 1 | Rockland County Line..... | Indian Kill Brook..... | | | 0.63 | | | 2.30 |
| 2 | Indian Kill Brook..... | Arden..... | 416 | | | | | 2.30 |
| 3 | Arden..... | Newburg Junction..... | | | | | | 1.70 |
| 5 | Newburg Junction..... | Harriman..... | 115 | | 0.70 | | | |
| 6 | Harriman..... | Harriman, Route No. 4..... | | | | | | 0.50 |
| | | County total..... | 10.13 | | 1.33 | | | 8.80 |
| | | Route totals..... | | 5.74 | 8.76 | 4.83 | | 9.39 |
| Total miles in Route No. 39B..... | | | | | | | | 28.72 |

STATE ROUTE No. 41

Beginning on the dividing line between the city and county of New York and the town of Pelham in the county of Westchester, running thence northeasterly along the Shore road in the town of Pelham to the city of New Rochelle, and from the city of New Rochelle along the Boston post road through the towns of Mamaroneck and Rye to the Connecticut boundary line; and also beginning on the said dividing line between the city of New York and the town of Pelham and running thence northerly along the Boston post road through the town of Pelham to the city of New Rochelle.

Amended by L. 1911, ch. 395.

| Section number | FROM | TO | Highway number | Miles Completed | | | con- struction | Approximate mile- age to be built |
|--------------------|------------------------------|------------------------------|----------------|-----------------|--------|--------------------------|-------------------|--------------------------------------|
| | | | | State | County | Town or cor- poration | | |
| WESTCHESTER COUNTY | | | | | | | | |
| 1A | N. Y. City Line..... | Pelham Manor: W. Corp. L. | 5374 | 0.18 | | | | |
| 1A | Pelham Manor: W. Corp. L. | Pelham Manor: E. Corp. L. | 5375 | 1.02 | | | | |
| 1A | Pelham Manor: E. Corp. L. | New Rochelle: W. Corp. L. | 5374 | 0.02 | | | | |
| 1A | New Rochelle: W. Corp. L. | New Rochelle: Franklin Ave. | City | | | 1.50 | | |
| 1 | New Rochelle: Franklin Ave. | New Rochelle: E. Corp. Line. | City | | | 0.90 | | |
| 2 | New Rochelle: E. Corp. Line. | Larchmont: W. Corp. Line. | 5372 | 0.22 | | | | |
| 3 | Larchmont: W. Corp. Line. | Larchmont: E. Corp. Line. | 5371 | 0.95 | | | | |
| 2A | Larchmont: E. Corp. Line. | Mamaroneck: W. Corp. Line. | 5372 | 0.51 | | | | |
| 4A | Mamaroneck: W. Corp. Line. | Mamaroneck: Fennimore Rd. | 5376 | 0.65 | | | | |
| 4B | Mamaroneck: Fennimore Rd. | Mamaroneck: Barry Ave. | Village | | | 0.72 | | |
| 4C | Mamaroneck: Barry Ave. | Mamaroneck: No. Corp. L. | 5376 | 0.64 | | | | |
| 5A | Rye: So. Corp. Line | Rye: Blind Creek Bridge | 5373 | 2.08 | | | | |
| 5B | Rye: Blind Creek Bridge | Rye: Milton Plains Road | | | | | | 0.51 |
| 5C | Rye: Milton Plains Road | Rye: No. Corp. Line | 5373 | 0.77 | | | | |
| 6 | Rye: No. Corp. Line..... | Connecticut State Line..... | Village | | | 2.00 | | |
| | | | | 7.04 | | 5.12 | | 0.51 |
| Also: | | | | | | | | |
| 1B | N. Y. City Line..... | New Rochelle: W. Corp. L. | 5375 | 0.32 | | | | |
| 1B | New Rochelle: W. Corp. L. | Sec. No. 1A, at Main St..... | City | | | 2.10 | | |
| | | | | 0.32 | | 2.10 | | |
| Route totals..... | | | | 7.36 | | 7.22 | | 0.51 |

Total miles in Route No. 41..... 15.10

STATE ROUTE No. 42

Division No. 2

Beginning at the city of Schenectady at trunk line six and extending thence southeasterly along the following highways: Troy-Schenectady, section number one; Troy-Schenectady, section number two; Troy-Schenectady, section number three; Troy-Schenectady, section number four; Watervliet-Nineteenth street; thence along Nineteenth street to and across the bridge at the Troy and West Troy Bridge Company to Congress street in the city of Troy; thence easterly along Congress street to Pawling avenue; thence along Pawling avenue to Pinewoods avenue; thence along Pinewoods avenue to Eagle Mills connecting with Brunswick-Turnpike number two hundred and twenty-seven; thence to Quackenkill, Grafton and Petersburg, to a point on the state line of Massachusetts, to be determined by the commission.

Amended by L. 1914, ch. 376.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|----------------------------------|----------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SCHENECTADY COUNTY | | | | | | | | |
| 1 | Schenect'y: Wash'n St.(Rt.6) | Schenectady: E. Corp. Line.. | City | | | 2.30 | | |
| 2 | Schenectady: E. City Line..... | | 1 | | 2.00 | | | |
| 3 | | Albany County Line..... | 407 | | 3.08 | | | |
| | | County total..... | | | 5.03 | 2.30 | | |
| ALBANY COUNTY | | | | | | | | |
| 1 | Schenectady County Line..... | Latham's Corners..... | 604 | | 3.88 | | | |
| 2 | Latham's Corners..... | Watervliet: W. City Line..... | 630 | | 2.24 | | | |
| 3 | Watervliet: W. City Line..... | D. & H. R. R. Crossing..... | 956 | | 0.46 | | | |
| 4 | D. & H. R. R. Crossing..... | Congress St. Bridge..... | City | | | 0.60 | | |
| | | County total..... | | | 6.58 | 0.60 | | |
| RENSSELAER COUNTY | | | | | | | | |
| 1 | Congress St. Bridge..... | Troy: Pawling Ave..... | City | | | 1.20 | | |
| | Troy: Congress St..... | Troy: Pinewoods Ave..... | City | | | 0.40 | | |
| | Troy: Pawling Ave..... | Troy: Old E. City Line..... | City | | | 0.60 | | |
| 2 | Troy: Old E. City Line..... | Troy: New E. City Line..... | City | | | 0.80 | | |
| | Troy: New E. City Line..... | Eagle Mills: Poestenkill Cr..... | | | | | | 8.00 |
| 3 | Eagle Mills: Poestenkill Cr..... | Eagle Mills Road..... | 227 | | 0.10 | | | |
| | Eagle Mills Road..... | Chums Corners..... | 631 | | 2.25 | | | |
| 4 | Chums Corners..... | Quackenkill Bridge..... | 197 | | 1.73 | | | |
| 5 | Quackenkill Bridge..... | Grafton..... | 5222 | 5.93 | | | | |
| 6 | Grafton..... | Petersburg..... | 5478 | 6.34 | | | | |
| 7 | Petersburg..... | Massachusetts State Line..... | | | | | | 5.01 |
| | | | | 12.27 | 4.17 | 2.50 | | 8.01 |
| Also: | | | | | | | | |
| 1 | Troy: Old City Line..... | Troy: New City Line..... | 5310 | 0.95 | | | | |
| | | County total..... | | 13.22 | 4.17 | 2.50 | | 8.01 |
| | | Route totals..... | | 13.22 | 15.78 | 5.40 | | 8.01 |
| Total miles in Route No. 42..... | | | | | | | | 42.41 |

STATE ROUTE No. 43

Beginning at Main street in the village of Mount Morris, running thence southwesterly along what is known as the state road to the village of Nunda, in Livingston county, thence along what is known as the Oakland-Portage road to Portage bridge and Letchworth park.

Amended by L. 1911, ch. 166.

| Section number | FROM | TO | Highway number | Miles COMPLETED | | | Miles under contract | Approximate mileage to be built |
|----------------------------------|--------------------------------|--------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| LIVINGSTON COUNTY | | | | | | | | |
| 1 | Mt. Morris: Main St..... | Mt. Morris: W. Corp. Line..... | 5370 | 0.77 | | | | |
| | Mt. Morris: W. Corp. Line..... | Ridge..... | 5370 | 3.39 | | | | |
| | Ridge..... | Guyles Corners..... | 5370 | 2.76 | | | | |
| 2 | Guyles Corners..... | Nunda: No. Corp. Line..... | 5371 | 3.60 | | | | |
| | Nunda: No. Corp. Line..... | Nunda: W. Corp. Line..... | 5371 | 0.77 | | | | |
| | Nunda: W. Corp. Line..... | Oakland..... | 5371 | 1.13 | | | | |
| 3 | Oakland..... | Portage..... | 5372 | 4.36 | | | | |
| Route totals..... | | | | 16.68 | | | | |
| | | | | 16.68 | | | | |
| Total miles in Route No. 43..... | | | | | | | | 16.68 |

STATE ROUTE No. 43*

Commencing at a point at or near the village of Stillwater in Saratoga county, running thence northerly and northwesterly through Bemis Heights and the Saratoga battlefield to Quaker Springs, running thence northerly and northeasterly through Victory Mills, thence to Schuylerville by way of Creamery Hill to Broad street; thence northerly to Spring street; and thence westerly until it connects with county highway number two hundred and forty-four.

Amended by L. 1911, ch. 259.

| Section number | FROM | TO | Highway number | Miles COMPLETED | | | Miles under contract | Approximate mileage to be built |
|-----------------------------------|---------------------------------|---------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|
| | | | | State | County | Town or corporation | | |
| SARATOGA COUNTY | | | | | | | | |
| 1 | Stillwater: So. Corp. Line..... | Stillwater: No. Corp. Line..... | 5313 | 1.30 | | | | |
| 2 | Stillwater: No. Corp. Line..... | Saratoga Town Line..... | 5205 | 5.33 | | | | |
| 3 | Stillwater Town Line..... | Quaker Springs..... | 5250 | 1.90 | | | | |
| | Quaker Springs..... | Victory Mills: So. Corp. L..... | 5250 | 4.51 | | | | |
| | Victory Mills: So. Corp. L..... | Schuylerville: So. Corp. L..... | 5250 | 1.11 | | | | |
| 4 | Victory Mills: No. Corp. L..... | Schuylerville: W. Corp. L..... | 5377 | 1.03 | | | | |
| Route totals..... | | | | 15.23 | | | | |
| | | | | 15.23 | | | | |
| Total miles in Route No. 43*..... | | | | | | | | 15.23 |

* So in original.

STATE ROUTE No. 45

Commencing at a point on route twelve in the village of Watkins and running thence easterly and thence northerly on the east shore of Seneca lake through the hamlets of Hector and North Hector to a point on the dividing line of Schuyler and Seneca counties, thence northeasterly through the hamlet of Caywood to the village of Lodi and thence easterly to the village of Interlaken, connecting with route thirty-six.

Amended by L. 1912, ch. 57.

| Section number | FROM | TO | Highway number | Miles Completed | | | Miles under contract | Approximate mileage to be built | |
|-----------------------------|--------------------------------|-------------------------------|----------------|-----------------|--------|---------------------|----------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| SCHUYLER COUNTY | | | | | | | | | |
| 1 | Watkins: Franklin St. (Rt. 12) | Cliff Corners | 5295 | 1.80 | | | | | |
| 2 | Cliff Corners | Howell's Corners | | | | | | 4.00 | |
| 3 | Howell's Corners | Hector | | | | | | 3.00 | |
| 4 | Hector | Seneca County Line | | | | | | 3.00 | |
| County total | | | | 12.20 | 1.80 | | | 10.00 | |
| SENECA COUNTY | | | | | | | | | |
| 1 | Schuyler County Line | Caywood | | | | | | 1.80 | |
| 2 | Caywood | Lodi | | | | | | 4.20 | |
| 3 | Lodi | Interlaken: W. Corp. Line | 5589 | 4.61 | | | | | |
| 4 | Interlaken: W. Corp. Line | Interlaken: Main St. (Rt. 36) | 5589 | 0.40 | | | | | |
| County total | | | | 11.01 | 5.01 | | | 6.00 | |
| Route totals | | | | | 6.81 | | | 16.00 | |
| Total miles in Route No. 45 | | | | | | | | | 23.31 |

STATE ROUTE No. 46

Commencing at a point on route number fourteen at or near Coopers Plains in Steuben county and running thence northerly to a point on the dividing line of Steuben and Schuyler counties; thence northeasterly through the village of Monterey and easterly by the valley road through the hamlet of Townsend; thence northeasterly following Old Forks picnic ground road to the village of Watkins, connecting with route number twelve; thence southerly on route twelve to its intersection with route number forty-five; thence along said route forty-five to a point about one and one-half miles from the village of Burdett; thence northeasterly to the village of Burdett; thence easterly and northeasterly through Bennettsburg to Reynoldsville; thence southeasterly to Meeklenburg; thence northeasterly to Perry City; thence to a point on the dividing line between Schuyler and Tompkins counties; thence northeasterly to the village of Trumansburg, connecting with route number thirty-six.

Amended by L. 1911, ch. 320.

| Section number | FROM | TO | Highway number | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | |
|----------------------------------|-------------------------------|-------------------------------------|------------------|-----------------|--------|---------------------|----------------------|---------------------------------|-------|
| | | | | State | County | Town or corporation | | | |
| STEBUEN COUNTY | | | | | | | | | |
| 1 | Cooper's Plains (Rt. 14)..... | East Campbell..... | | | | | | 3.13 | |
| 2 | East Campbell..... | Schuyler County Line..... | | | | | | 3.83 | |
| | County total..... | | 6.96 | | | | | 6.96 | |
| SCHUYLER COUNTY | | | | | | | | | |
| 1 | Steuben County Line..... | Monterey..... | | | | | | 3.70 | |
| 2 | Monterey..... | Townsend: Dix Town Line..... | | | | | | 6.40 | |
| 3 | Townsend: Orange Town L..... | Watkins: So. Corp. Line..... | 5557 | | | | 5.61 | | |
| 4 | Watkins: So. Corp. Line..... | Watkins: Franklin St. (Rt. 12)..... | 5557 | | | | 0.42 | | |
| | Watkins: Corning St..... | Cliff Corners..... | Rt. 12 Rt. 45 | *1.96 | | | | | |
| 5 | Cliff Corners (Rt. 45)..... | Bennettsburg..... | 5295 | 2.78 | | | | 0.77 | |
| 5A | Bennettsburg..... | Reynoldsville..... | | | | | | 4.40 | |
| 6 | Reynoldsville..... | Meeklenburg..... | | | | | | 4.20 | |
| 7 | Meeklenburg..... | Perry City..... | | | | | | 3.30 | |
| 8 | Perry City..... | Tompkins County Line..... | 5575 | 0.80 | | | | | |
| | County total..... | | 32.38 | 3.58 | | | 6.03 | 22.77 | |
| TOMPKINS COUNTY | | | | | | | | | |
| 1 | Schuyler County Line..... | Trumansburg: Main St. (Rt. 36)..... | 5575 | 3.32 | | | | | |
| | Route totals..... | | | 6.90 | | | 6.80 | 28.96 | |
| Total miles in Route No. 46..... | | | | | | | | | 42.66 |

* Not included in total.

APPENDIX D

TABLE

ARRANGED BY YEAR OF CONTRACT

SHOWING ALL

STATE AND COUNTY HIGHWAYS

UNDER CONTRACT DURING 1918

[539]

CONTRACTS ACCEPTED DURING 1918

| Highway No. | Div. No. | County | Total mile- age | Type mileages | | | | |
|--------------------------|-------------|------------------------------|-----------------------|---------------|--------------|-------|------------|---------------|
| | | | | W. B. | Bit. mac. | Brick | F. Con. | Miscellaneous |
| | | | | | | | | Type | Miles |
| CONTRACTS OF 1911 | | | | | | | | |
| 749 ¹ | 9 | Niagara..... | 10.30 | ..... | 10.30 | ..... | ..... | ..... |
| | | | 10.30 | ..... | 10.30 | ..... | ..... | ..... |
| CONTRACTS OF 1914 | | | | | | | | |
| 468..... | 4 | Herkimer..... | 5.55 | 5.55 | ..... | ..... | ..... | ..... |
| 1189..... | 8 | Tompkins..... | 6.34 | 6.34 | ..... | ..... | ..... | ..... |
| 1198 ⁴ | 2 | Albany..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5510 ¹ | 5 | Sullivan..... | 8.18 | ..... | 8.18 | ..... | ..... | ..... |
| 5514..... | 4 | Hamilton..... | 6.98 | 6.98 | ..... | ..... | ..... | ..... |
| 5518..... | 8 | Allegany..... | 4.75 | ..... | ..... | ..... | 4.75 | ..... |
| | | | 31.80 | 18.87 | 8.18 | ..... | 4.75 | ..... |
| CONTRACTS OF 1915 | | | | | | | | |
| 410 ³ | 4 | Montgomery..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 449 ¹ | 1 | Orange..... | 3.17 | 3.17 | ..... | ..... | ..... | ..... |
| 1054 ² | 7 | Genesee..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1073..... | 6 | Onondaga..... | 4.86 | ..... | 4.70 | ..... | 0.16 | ..... |
| 1162 ² | 1 | Dutchess..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1227 ³ | 3 | Jefferson..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1242 ¹ | 1 | Greene..... | 4.43 | ..... | 4.43 | ..... | ..... | ..... |
| 1250..... | 3 | Franklin..... | 5.50 | ..... | 5.50 | ..... | ..... | ..... |
| 1280..... | 2 | Albany..... | 5.76 | 5.76 | ..... | ..... | ..... | ..... |
| 1307..... | 1 | Westchester..... | 1.89 | ..... | 1.89 | ..... | ..... | ..... |
| 1308 ² | 1 | Westchester..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1309 ² | 1 | Westchester..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1311..... | 8 | Chemung..... | 6.87 | 6.87 | ..... | ..... | ..... | ..... |
| 1322..... | 8 | Allegany..... | 7.29 | ..... | 7.29 | ..... | ..... | ..... |
| 1329 ² | 1 | Orange..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5510A ¹ | 5 | Sullivan..... | 0.43 | ..... | 0.43 | ..... | ..... | ..... |
| 5559..... | 4 | Herkimer and Oneida..... | 8.89 | 8.89 | ..... | ..... | ..... | ..... |
| 5575..... | 8 | Schuyler and Tompkins.... | 4.12 | 4.12 | ..... | ..... | ..... | ..... |
| 5586 ⁴ | 4 | Madison..... | 3.05 | 3.05 | ..... | ..... | ..... | ..... |
| 5594..... | 2 | Clinton..... | 3.79 | 3.79 | ..... | ..... | ..... | ..... |
| 5596..... | 9 | Chautauqua.... | 0.79 | ..... | ..... | 0.79 | ..... | ..... |
| | | | 60.74 | 35.65 | 24.24 | 0.79 | 0.16 | ..... |
| CONTRACTS OF 1916 | | | | | | | | |
| 1054 ¹ | 7 | Genesee..... | 3.88 | 3.88 | ..... | ..... | ..... | ..... |
| 1060..... | 6 | Wayne..... | 6.41 | 6.41 | ..... | ..... | ..... | ..... |
| 1162..... | 1 | Dutchess..... | 5.16 | 5.16 | ..... | ..... | ..... | ..... |
| 1308..... | 1 | Westchester..... | 2.15 | ..... | 2.15 | ..... | ..... | ..... |

¹ Contract forfeited. Completed by department forces.² See 1916 contracts.³ See 1917 contracts.⁴ Total mileage 7.91. Portion accepted under the Hewitt Act.⁵ Accepted by special agreement January 2, 1916. Official order delayed.

CONTRACTS ACCEPTED DURING 1918—*Concluded*

| Highway No. | Div. No. | County | Total mile- age | Type mileages | | | | | Miscellaneous | |
|-------------------------------------|-------------|------------------|-----------------------|---------------|--------------|-------------|-------------|--------------|---------------|-------------|
| | | | | W. B. | Bit. mac. | Brick | F. Con. | | | |
| | | | | | | | | Type | Miles | |
| CONTRACTS OF 1916— <i>Concluded</i> | | | | | | | | | | |
| 1309 ¹ | 1 | Westchester..... | 6.63 | ..... | 6.63 | ..... | ..... | ..... | ..... | ..... |
| 1329..... | 1 | Orange..... | 3.70 | ..... | ..... | 0.17 | 3.53 | ..... | ..... | ..... |
| 1334B ⁴ | 9 | Erie..... | 0.61 | ..... | ..... | ..... | 0.61 | ..... | ..... | ..... |
| 1341..... | 1 | Westchester..... | 0.35 | ..... | 0.35 | ..... | ..... | ..... | ..... | ..... |
| 1357..... | 4 | Oneida..... | 4.88 | 488 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1364..... | 1 | Greene..... | 6.02 | ..... | 6.02 | ..... | ..... | ..... | ..... | ..... |
| 1369..... | 6 | Cortland..... | 2.00 | 2.00 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1375..... | 4 | Fulton..... | 1.10 | ..... | 1.10 | ..... | ..... | ..... | ..... | ..... |
| 1377..... | 4 | Fulton..... | 3.74 | 3.74 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1378..... | 8 | Chemung..... | 4.14 | 1.48 | 1.47 | 1.19 | ..... | ..... | ..... | ..... |
| 1398..... | 2 | Clinton..... | 10.46 | ..... | 10.46 | ..... | ..... | ..... | ..... | ..... |
| 1402 ¹ | 7 | Genesee..... | 4.99 | 4.99 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1405 ¹ | 2 | Albany..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1417..... | 1 | Ulster..... | 3.11 | ..... | 3.11 | ..... | ..... | ..... | ..... | ..... |
| 1422..... | 2 | Rensselaer..... | 4.87 | 4.87 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1430..... | 7 | Orleans..... | 1.32 | ..... | ..... | 1.08 | ..... | St. Blk..... | ..... | 0.24 |
| 1436..... | 2 | Washington..... | 1.43 | 0.55 | ..... | 0.88 | ..... | ..... | ..... | ..... |
| 1437..... | 2 | Washington..... | 4.58 | 4.58 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1443..... | 9 | Erie..... | 5.09 | 5.09 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1444..... | 9 | Erie..... | 3.75 | 3.75 | ..... | ..... | ..... | ..... | ..... | ..... |
| 5563 ¹ | 9 | Niagara..... | 5.07 | ..... | ..... | 0.34 | 4.73 | ..... | ..... | ..... |
| 5582 ¹ | 7 | Genesee..... | 4.53 | 4.53 | ..... | ..... | ..... | ..... | ..... | ..... |
| 5598..... | 2 | Saratoga..... | 1.10 | ..... | ..... | 1.10 | ..... | ..... | ..... | ..... |
| 5601 ¹ | 1 | Ulster..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5611..... | 8 | Steuben..... | 5.75 | 5.75 | ..... | ..... | ..... | ..... | ..... | ..... |
| 5624..... | 5 | Otsego..... | 1.04 | ..... | ..... | ..... | ..... | M. M.—2 | ..... | 1.04 |
| 5631..... | 4 | Herkimer..... | 0.71 | ..... | ..... | ..... | ..... | Bitu..... | ..... | 0.71 |
| | | | <u>106.57</u> | <u>61.66</u> | <u>31.29</u> | <u>4.76</u> | <u>8.87</u> | ..... | ..... | <u>1.99</u> |
| CONTRACTS OF 1917 | | | | | | | | | | |
| 410 ¹ | 4 | Montgomery..... | 7.10 | 7.10 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1059..... | 6 | Wayne..... | 1.88 | 1.88 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1227..... | 3 | Jefferson..... | 4.60 | ..... | ..... | ..... | 4.60 | ..... | ..... | ..... |
| 1405..... | 2 | Albany..... | 2.93 | 2.93 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1486..... | 5 | Broome..... | 2.78 | 2.01 | 0.77 | ..... | ..... | ..... | ..... | ..... |
| 1487..... | 5 | Broome..... | 4.08 | ..... | 4.08 | ..... | ..... | ..... | ..... | ..... |
| 1488..... | 2 | Clinton..... | 5.95 | ..... | 5.95 | ..... | ..... | ..... | ..... | ..... |
| 1490..... | 3 | Lewis..... | 5.37 | ..... | 5.37 | ..... | ..... | ..... | ..... | ..... |
| 1492..... | 9 | Erie..... | 2.90 | 2.90 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1502..... | 1 | Rockland..... | 0.24 | ..... | 0.24 | ..... | ..... | ..... | ..... | ..... |
| 5601 ¹ | 1 | Ulster..... | 1.85 | ..... | ..... | 1.03 | 0.82 | ..... | ..... | ..... |
| 5606 ¹ | 1 | Westchester..... | 2.74 | ..... | ..... | ..... | ..... | M. M.—2 | ..... | 2.74 |
| 5629..... | 1 | Columbia..... | 5.02 | ..... | 5.02 | ..... | ..... | ..... | ..... | ..... |
| 5638..... | 6 | Oswego..... | 5.63 | ..... | 5.63 | ..... | ..... | ..... | ..... | ..... |
| 5640..... | 4 | Oneida..... | 1.27 | ..... | ..... | ..... | 0.57 | Bitu..... | ..... | 0.70 |
| | | | <u>54.34</u> | <u>16.82</u> | <u>27.06</u> | <u>1.03</u> | <u>5.99</u> | ..... | ..... | <u>3.44</u> |

¹ Contract forfeited. Completed by department forces.² See 1917 contracts.⁴ Total mileage 1.12. Portion accepted under the Hewitt act.⁵ Total mileage 7.60. Portion accepted under the Hewitt act.⁷ Total mileage 7.91. Portion accepted under the Hewitt act.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED, DECEMBER 31, 1918

| Highway No. | Div. No. | County | Contractor | Date of contract | Total mileage | Type mileage | | | | Contract price plus or minus special agreements | Per cent. completed Dec. 31, 1918 | |
|-------------------|----------|----------------------|---|------------------|---------------|--------------|-------------|---------------|---------|---|-----------------------------------|-------|
| | | | | | | W. B. mac. | Bit. Briqk. | Miscellaneous | | | | |
| | | | | | | | | F. Con. | Type | | | Miles |
| CONTRACTS OF 1911 | | | | | | | | | | | | |
| 763 ¹ | 1 | Columbia | General Construction Co. | April 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 924 ¹ | 9 | Erie | Buech & Percival | June 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| | | | | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | |
| CONTRACTS OF 1914 | | | | | | | | | | | | |
| 986 ¹ | 5 | Sullivan | Bridgeport Construction Co. | Nov. 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 1208 ¹ | 1 | Suffolk | Eastern Asphalt Paving Co. | July 29 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 5334-A | 8 | Schuy. & Yates | John W. Gurnett | July 9 | 7.85 | ..... | ..... | ..... | S. Con. | 7.85 | 92,396 00 | |
| 5432 ¹ | 8 | Chemung and Schuyler | Peter F. Connolly Co. | May 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| | | | One 1914 contract, totalling... | | 7.85 | ..... | ..... | ..... | ..... | 7.85 | ..... |  |
| | | | | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | |
| CONTRACTS OF 1915 | | | | | | | | | | | | |
| 512 | 4 | Montgomery | Routley & Summers | Nov. 12 | 4.56 | ..... | ..... | ..... | ..... | ..... | 29,528 00 | |
| 603 | 1 | Ulster | Armstrong & Trowbridge | Oct. 29 | 10.24 | ..... | ..... | ..... | ..... | ..... | 82,936 37 | |
| 986 ¹ | 5 | Sullivan | Fulton Engineering Co., Inc. (as- signed to William Oppenheim) | Feb. 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 1026 ¹ | 9 | Chautauqua | Thomas Mahoney | May 10 | 3.99 | ..... | ..... | ..... | ..... | ..... | 96,461 00 | |

¹ Contract forfeited and road now being completed by department forces.² Contract forfeited. See 1915 contracts.³ Contract forfeited. See 1915 contracts.⁴ See 1915 contracts.⁵ Forfeited. See 1917 contracts.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

| Highway No. | Div. No. | County | Contractor | Date of contract | Total mileage | Type mileage | | | Contract price plus or minus special agreements | Per cent completed Dec. 31, 1918 |
|-------------------------------|----------|------------------|--|------------------|---------------|--------------|-------|---------|---|----------------------------------|
| | | | | | | W. B. mac. | Brick | F. Con. | | |
| | | | | | | | | | | |
| CONTRACTS OF 1915 — Continued | | | | | | | | | | |
| 1072..... | 6 | Onondaga..... | Phelan & Sullivan..... | June 18 | 3.06 | ..... | ..... | ..... | 53,796 50 | 59 |
| 1088..... | 7 | Wyoming..... | Frank M. Foote..... | July 19 | 1.53 | ..... | 0.50 | ..... | 23,464 00 | 94 |
| 1098 ¹ | 4 | Hamilton..... | John F. Lewis..... | June 17 | ..... | ..... | ..... | ..... | ..... | 10 |
| 1100..... | 4 | Hamilton..... | Galway & Co..... | June 17 | 4.54 | 4.54 | ..... | ..... | 43,720 50 | 95 |
| 1109 ¹ | 2 | Washington..... | William L. Sherrill..... | Sept. 1 | ..... | ..... | ..... | ..... | ..... | 82 |
| 1163 ¹ | 1 | Dutchess..... | Ruddy & Saunders Construction Co. | Sept. 2 | ..... | ..... | ..... | ..... | ..... | 9 |
| 1228..... | 2 | Warren..... | D. L. Anderson (assigned to Kingsbury Construction Co.)..... | July 20 | 5.13 | 5.13 | ..... | ..... | 69,707 75 | 71 |
| 1252..... | 3 | Franklin..... | Spuyten-Duyvil Construction Co..... | May 12 | 11.41 | ..... | ..... | ..... | 104,999 00 | 48 |
| 1254..... | 9 | Cattaraugus..... | H. J. Grathwol..... | May 12 | 4.43 | ..... | 4.43 | ..... | 52,664 10 | 93 |
| 1258 ¹ | 4 | Hamilton..... | Highway Engineering Co., Inc..... | May 13 | 5.01 | 5.01 | ..... | ..... | 65,316 01 | 53 |
| 1267 ¹ | 7 | Wyoming..... | Fred E. Gross & Son..... | July 23 | 6.99 | 6.99 | ..... | ..... | 67,300 00 | 33 |
| 1272..... | 5 | Delaware..... | B. J. Anderson..... | May 24 | 5.84 | ..... | 5.84 | ..... | 63,898 00 | 73 |
| 1274..... | 1 | Suffolk..... | Town of Southampton..... | June 12 | 10.50 | ..... | 10.50 | ..... | 113,063 50 | 94 |
| 1278 ¹ | 7 | Ontario..... | Hovey Benedict..... | May 25 | 8.63 | 8.63 | ..... | ..... | 57,256 50 | 79 |
| 1300 ¹ | 3 | Lewis..... | Fred E. Gross & Son..... | July 22 | ..... | ..... | ..... | ..... | 76,244 00 | 7 |
| 1302 ¹ | 5 | Otego..... | J. A. Cullin..... | July 19 | ..... | ..... | ..... | ..... | ..... | 13 |
| 1306..... | 1 | Westchester..... | The Pierson Engineering and Construction Co..... | Aug. 31 | 5.72 | 0.13 | 5.59 | ..... | 906,010 75 | 77 |
| 1312 ¹ | 1 | Dutchess..... | Ruddy-Saunders Construction Co..... | Sept. 2 | ..... | ..... | ..... | ..... | ..... | 10 |
| 1313..... | 1 | Dutchess..... | A. C. Sternberg, Jr..... | Aug. 25 | 6.86 | 6.86 | ..... | ..... | 64,341 05 | 68 |
| 1315 ¹ | 9 | Niagara..... | Joseph Brunner (assigned to Cheektowaga Construction Corporation)..... | Sept. 2 | ..... | ..... | ..... | ..... | ..... | 41 |
| 1317..... | 6 | Cayuga..... | Brayer Bros..... | Nov. 18 | 8.06 | 3.51 | 2.68 | 1.07 | 123,708 85 | 93 |
| 1321 ¹ | 7 | Livingston..... | Albert Gafey..... | Aug. 31 | ..... | ..... | ..... | ..... | 100,840 00 | 20 |
| 1327..... | 6 | Cayuga..... | John H. Gordon..... | Oct. 29 | 6.06 | 6.06 | ..... | ..... | 52,010 90 | 41 |
| 1332 ¹ | 1 | Columbia..... | Mark Kearney..... | Oct. 30 | ..... | ..... | ..... | ..... | ..... | 22 |

| | | | | | | | | | | |
|-----------------------------------|-----------|--------------------------------------|----------|-------|-------|-------|-------|-------|------------|------|
| 1333 ¹ | Erie..... | Stanley Construction Co..... | Dec. 3 | 9.14 | 9.14 | ..... | ..... | ..... | 141,838 00 | 24 |
| 1334 ¹ | Erie..... | Langan Construction Corporation..... | Nov. 1 | ..... | ..... | ..... | ..... | ..... | ..... | ... |
| 1336 | Erie..... | George Nellans..... | Dec. 10 | 5.19 | 5.19 | ..... | ..... | ..... | 96,250 50 | 34 |
| 5280 ¹ | 1 | Naseau..... | July 20 | ..... | ..... | ..... | ..... | ..... | ..... | 10 |
| 5432-A..... | 8 | Chemung and Schuyler..... | June 9 | 8.98 | 8.98 | ..... | ..... | ..... | 89,686 90 | 88 |
| 5498, 5572... | 1 | Orange..... | July 13 | 4.03 | 4.03 | ..... | ..... | ..... | 273,736 70 | 70 |
| 5539 ¹ | 7 | Monroe..... | Sept. 28 | 7.31 | 7.31 | ..... | ..... | ..... | 69,481 10 | 67 |
| 5543 | 9 | Cattaraugus..... | Mar. 29 | 6.98 | 6.98 | ..... | ..... | ..... | 107,700 00 | 46 |
| 5544 ¹ | 2 | Cattaraugus..... | May 24 | 6.88 | 6.88 | ..... | 0.99 | 5.89 | 132,687 50 | 60 |
| 5545 ¹ | 9 | Schenectady..... | May 14 | ..... | ..... | ..... | ..... | ..... | ..... | ... |
| 5547 ¹ | 4 | Ononda..... | Nov. 1 | ..... | ..... | ..... | ..... | ..... | ..... | 23 |
| 5557 ¹ | 3 | Schuyler..... | July 24 | 6.03 | 6.03 | ..... | ..... | ..... | 61,507 00 | 45 |
| 5571 ¹ | 1 | Westchester..... | July 16 | ..... | ..... | ..... | ..... | ..... | ..... | ... |
| 5572 (see 5498) | 1 | Orange..... | Aug. 6 | 1.17 | 1.17 | ..... | ..... | ..... | 13,341 90 | 47 |
| 5573 | 5 | Schoharie..... | Aug. 31 | 7.95 | 7.95 | ..... | ..... | ..... | 91,046 50 | 65 |
| 5577 ¹ | 4 | Herkimer..... | Aug. 30 | 6.55 | 6.55 | ..... | ..... | ..... | 63,077 00 | 90 |
| 5579 ¹ | 1 | Greene..... | Aug. 31 | 4.77 | 4.77 | ..... | ..... | ..... | 43,833 50 | 68 |
| 5583 ¹ | 5 | Chemung and Madison..... | Aug. 25 | 6.18 | 6.18 | ..... | ..... | ..... | 47,814 75 | 44 |
| 5585 ¹ | 4 | Madison..... | Aug. 30 | 4.86 | 4.86 | ..... | ..... | ..... | 65,491 50 | ... |
| 5588 ¹ | 1 | Greene..... | Aug. 31 | 3.95 | 3.95 | ..... | ..... | ..... | 98,639 25 | 50 |
| 5593 | 7 | Livingston..... | Oct. 29 | 7.69 | 7.69 | ..... | ..... | ..... | 93,063 00 | 4 |
| 5597 | 4 | Ononda..... | Nov. 12 | 5.34 | 5.34 | ..... | ..... | ..... | 51,591 50 | 7 |
| 35 1915 contracts, totalling..... | | | | | | | | | | 1.77 |

CONTRACTS OF 1916

| | | | | | | | | | | |
|------------------|---|-----------------|---------|------|------|-------|-------|-------|--------------|----|
| 490 ¹ | 1 | Orange..... | June 12 | 9.18 | 9.18 | ..... | ..... | ..... | \$101,370 50 | 13 |
| 513 ¹ | 4 | Montgomery..... | Oct. 31 | 2.49 | 2.49 | ..... | ..... | ..... | 21,793 00 | 60 |
| 515 ¹ | 4 | Montgomery..... | Nov. 2 | 1.61 | 1.61 | ..... | ..... | ..... | 18,107 00 | 28 |

¹ Forfeited. See 1916 contracts. ² Relet in 1916 as 1334-A and 1334-B. ³ Forfeited. See 1917 contracts. ⁴ Forfeited. Being completed by department forces. ⁵ Total length 7.91 miles. Portion accepted under the Hewitt Act. ⁶ Suspended under the Hewitt Act.

TABLE SHOWING STATUS OF [ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

| Highway No. | Div. No. | County | Contractor | Date of contract | Total mileage | Type mileage | | | | Contract price plus or minus special agreements | Per cent completed Dec. 31, 1918 | |
|---------------------------------|----------|------------|---|------------------|---------------|--------------|-------|---------------|-------|---|----------------------------------|--|
| | | | | | | W. B. mac. | Brick | Miscellaneous | | | | |
| | | | | | | | | Type | Miles | | | |
| CONTRACTS OF 1916 — (Continued) | | | | | | | | | | | | |
| 620 ¹ | 4 | Fulton | Brady-Oltarsh Construction Co. | July 11 | 5.13 | 5.13 | .... | .... | .... | \$10,044 01 | .... |  |
| 621 | 4 | Fulton | Coudy & Darling | Oct. 28 | 2.90 | 2.90 | .... | .... | .... | 29,970 50 | 49 | |
| 763 | 1 | Columbia | John A. Jova, Inc. | Nov. 17 | 7.14 | .... | 7.14 | .... | .... | 43,804 92 | 8 | |
| 773 ¹ | 9 | Niagara | Cold Spring Construction Co. | Aug. 24 | 2.38 | 2.38 | .... | .... | .... | 25,443 00 | .... |  |
| 800 ¹ | 9 | Niagara | Rich Construction Co., Inc. | June 9 | 7.79 | 0.09 | .... | 7.70 | .... | 111,403 00 | 13 | |
| 924-A ¹ | 9 | Erie | William F. Felton | Aug. 26 | 6.63 | 3.53 | .... | 2.50 | .... | 63,120 25 | 51 | |
| 986 | 5 | Sullivan | Frank D. Van Horn (assigned to Chester D. Marace) | Aug. 23 | 10.97 | 10.97 | .... | .... | .... | 34,126 44 | 93 | |
| 1027 | 9 | Chautauque | Town of Mina | July 21 | 4.33 | .... | .... | 4.33 | .... | 61,472 60 | 88 | |
| 1058 | 6 | Wayne | Stauben Construction Co. | July 14 | 2.25 | 2.25 | .... | .... | .... | 14,960 10 | 20 | |
| 1078 | 8 | Tioga | Lane Construction Corporation | Aug. 18 | 6.06 | 5.73 | 0.27 | .... | .... | 68,043 75 | 80 | |
| 1098 ¹ | 4 | Hamilton | R. A. Kelton | Aug. 11 | 4.22 | 4.22 | .... | .... | .... | 35,020 46 | 42 | |
| 1109 | 2 | Washington | Lynden Contracting Corporation | Aug. 11 | 2.06 | 2.06 | .... | .... | .... | 10,041 70 | 82 | |
| 1117 | 2 | Saratoga | William G. Fox | July 11 | 6.10 | .... | 6.10 | .... | .... | 79,304 50 | 51 | |
| 1163 ¹ | 1 | Dutchess | William J. Kidd, (assigned to Fulton Engineering Co., Inc.) | June 6 | 6.18 | 6.18 | .... | .... | .... | 74,775 71 | 88 | |
| 1255 | 3 | Jefferson | Henry P. Burgard | June 12 | 14.05 | .... | 14.05 | .... | .... | 145,965 50 | 38 | |
| 1256 | 3 | Jefferson | Henry P. Burgard Co. | Oct. 30 | 7.76 | .... | 7.76 | .... | .... | 79,831 45 | 16 | |
| 1302 | 5 | Otsego | Frank D. Van Horn, (assigned to W. C. Flannery) | June 27 | 12.66 | 12.66 | .... | .... | .... | 116,745 12 | 25 | |
| 1312 | 1 | Dutchess | William J. Kidd | June 6 | 6.81 | .... | 6.81 | .... | .... | 87,665 00 | 68 | |
| 1321 ¹ | 7 | Livingston | Fred J. Kinney Contracting Co. | Oct. 31 | 8.34 | 8.34 | .... | .... | .... | 84,661 60 | 18 | |
| 1334-A | 9 | Erie | Carlisle O. Landel | Aug. 25 | 3.18 | 1.85 | .... | 1.33 | .... | 43,807 00 | .... |  |
| 1334-B ¹ | 9 | Erie | Arthur J. Shaw, Jr., & George Perrin | Aug. 24 | 0.51 | .... | .... | 0.51 | .... | 38,029 00 | 35 | |
| 1342 ¹ | 1 | Nassau | Thomas O'Hern & Co. | July 17 | 5.24 | .... | 0.49 | 4.75 | .... | 84,480 20 | 20 | |
| 1343 ¹ | 1 | Nassau | Rush Contracting Co. | July 27 | 3.09 | .... | .... | 3.09 | .... | 34,192 50 | 3 | |

| | | | | | | | | | | |
|-----------|---|-------------------|-----------------------------------|----------|-------|-------|-------|----------|------------|-------|
| 1344..... | 1 | Nassau..... | Joseph Capak, Inc. | Aug. 22 | 3.38 | ..... | ..... | ..... | 44,007 00 | 22 |
| 1345..... | 2 | Saratoga..... | Irvine & Barry..... | April 26 | 5.74 | ..... | ..... | ..... | 59,874 75 | 81 |
| 1346..... | 4 | Herkimer..... | Dale Engineering Co..... | July 13 | 5.10 | ..... | ..... | ..... | 66,449 80 | 22 |
| 1348..... | 1 | Greene..... | E. S. Sickles..... | June 9 | 3.98 | ..... | ..... | ..... | 41,765 80 | 22 |
| 1349..... | 7 | Wyoming..... | F. J. Munn Contracting Co..... | June 6 | 4.73 | 4.73 | ..... | ..... | 48,309 10 | 70 |
| 1351..... | 7 | Livingston..... | Atlanta Construction Co..... | Oct. 28 | 0.83 | ..... | ..... | ..... | 34,756 00 | 89 |
| 1352..... | 8 | Yates..... | Atlanta Construction Co..... | June 10 | 9.63 | 9.63 | ..... | ..... | 89,424 50 | 56 |
| 1354..... | 6 | Onondaga..... | Frank Malone..... | July 17 | 5.55 | ..... | ..... | ..... | 66,780 00 | 8 |
| 1358..... | 4 | Oneida..... | J. G. Hayes & Co., Inc..... | June 8 | 8.26 | 8.26 | ..... | ..... | 60,772 25 | 68 |
| 1360..... | 4 | Madison..... | C. W. Tryon..... | July 11 | 6.54 | 6.54 | ..... | ..... | 64,672 75 | 26 |
| 1361..... | 4 | Madison..... | John R. Burrell..... | July 14 | ..... | ..... | ..... | ..... | ..... | 10 |
| 1373..... | 1 | Ulster..... | Philip Kramer..... | July 18 | 2.73 | ..... | ..... | ..... | 39,651 20 | 52 |
| 1379..... | 9 | Chautauqua..... | John Johnson Construction Co..... | Aug. 22 | 9.74 | ..... | ..... | ..... | 36,320 50 | 48 |
| 1380..... | 9 | Chautauqua..... | Fulton Engineering Co., Inc..... | July 17 | 5.66 | ..... | ..... | ..... | 123,132 80 | ..... |
| 1381..... | 9 | Chautauqua..... | William Felton..... | Oct. 31 | 3.90 | ..... | ..... | ..... | 49,807 50 | 11 |
| 1388..... | 3 | St. Lawrence..... | Spellman-Oliver Co..... | July 18 | 11.16 | ..... | ..... | ..... | 99,239 00 | 53 |
| 1390..... | 7 | Monroe..... | Rocco Construction Co., Inc..... | July 12 | 2.92 | 2.92 | ..... | ..... | 36,955 00 | 44 |
| 1391..... | 7 | Monroe..... | William H. Madden..... | July 14 | 7.93 | 7.93 | ..... | ..... | 66,373 00 | 5 |
| 1393..... | 7 | Monroe..... | L. H. Brotsch..... | July 17 | 5.27 | 4.40 | ..... | ..... | 62,500 00 | 4 |
| 1394..... | 5 | Chenango..... | Paddelford & King..... | July 14 | 7.09 | 7.09 | ..... | ..... | 90,429 50 | 39 |
| 1400..... | 6 | Seneca..... | J. W. Brennan..... | Aug. 21 | 4.89 | ..... | ..... | ..... | 56,908 50 | ..... |
| 1401..... | 6 | Seneca..... | Hovey E. Benedict..... | Sept. 25 | 2.13 | 2.13 | ..... | ..... | 23,186 45 | ..... |
| 1402..... | 7 | Genesee..... | Cold Springs Construction Co..... | July 24 | 2.61 | 2.61 | ..... | ..... | 75,837 00 | 62 |
| 1403..... | 7 | Genesee..... | Michael Ripton..... | July 21 | 7.94 | 7.94 | ..... | ..... | 90,091 50 | 38 |
| 1407..... | 6 | Wayne..... | Dana W. Robbins..... | July 15 | 3.97 | 3.97 | ..... | ..... | 31,350 00 | 22 |
| 1408..... | 5 | Oswego..... | Newport Construction Co..... | Aug. 19 | 8.13 | 8.13 | ..... | ..... | 86,649 50 | 6 |
| 1409..... | 5 | Oswego..... | J. L. Richmond..... | July 17 | 7.87 | 7.15 | ..... | MM-2.... | 124,673 00 | 70 |
| 1414..... | 6 | Cayuga..... | Frank Malone..... | Aug. 21 | 5.45 | ..... | ..... | ..... | 72,209 45 | ..... |
| 1415..... | 7 | Ontario..... | Chambers & Barnes..... | Aug. 16 | 3.95 | 3.95 | ..... | ..... | 40,219 50 | 93 |
| 1419..... | 1 | Ulster..... | George H. McEvoy..... | Aug. 21 | 3.17 | 0.82 | ..... | ..... | 41,271 90 | 17 |
| 1420..... | 8 | Schuyler..... | Willis L. Frost..... | Nov. 2 | 3.01 | 3.01 | ..... | ..... | 30,909 00 | 80 |

¹ Contract forfeited. Being completed by department forces.

² Contract forfeited. See 1917 contract.

³ Contract forfeited.

⁴ Total length 1.12 miles. 0.61 miles accepted under Hewitt Act.

⁵ Suspended under the Hewitt Act.

⁶ Total length 7.60 miles 4.99 accepted under the Hewitt Act.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

| Highway No. | Div. No. | County | Contractor | Date of contract | Total mileage | Type mileage | | | | Contract price plus or minus special agreements | Per cent completed Dec. 31, 1918 |
|-------------------------------|----------|------------------|--------------------------------------|------------------|---------------|--------------|-----------|---------------|-------|---|----------------------------------|
| | | | | | | W. B. | Bit. mac. | Miscellaneous | | | |
| | | | | | | | | F. Con. | Type | | |
| CONTRACTS OF 1916 — Continued | | | | | | | | | | | |
| 1421..... | 2 | Rensselaer..... | Martin Murray..... | Aug. 16 | 7.20 | ..... | ..... | ..... | ..... | 90,664 00 | 51 |
| 1425..... | 2 | Rensselaer..... | John T. O'Neil..... | Nov. 24 | 2.97 | ..... | ..... | ..... | ..... | 37,520 00 | 58 |
| 1428..... | 6 | Oswego..... | Samuel Bonn..... | Aug. 22 | 6.36 | ..... | 0.36 | ..... | ..... | 74,840 65 | 33 |
| 1431..... | 8 | Tompkins..... | Fort Schuyler Construction Co., Inc. | Aug. 22 | 3.38 | ..... | ..... | ..... | ..... | 42,845 80 | 2 |
| 1433..... | 8 | Tompkins..... | Dana W. Robbins, Inc. | Aug. 24 | 5.86 | ..... | 0.69 | 0.16 | ..... | 86,956 20 | 22 |
| 1435 ⁹ | 6 | Cortland..... | Michael O'Brien..... | Aug. 22 | 6.07 | ..... | ..... | ..... | ..... | 73,747 50 | 11 |
| 1438..... | 2 | Washington..... | Gifford Construction Co. | Aug. 21 | 6.98 | ..... | ..... | ..... | ..... | 98,217 00 | 4 |
| 1439..... | 5 | Delaware..... | Hovey E. Benedict..... | Sept. 25 | 6.51 | ..... | 6.51 | ..... | ..... | 89,961 00 | 11 |
| 1440..... | 5 | Delaware..... | Brady-Oltarsh Construction Co., Inc. | Aug. 21 | 3.39 | ..... | 3.39 | ..... | ..... | 46,330 00 | ..... |
| 1441..... | 5 | Delaware..... | Brady-Oltarsh Construction Co., Inc. | Aug. 21 | 4.31 | ..... | 4.31 | ..... | ..... | 70,380 50 | ..... |
| 1451 ⁴ | 5 | Broome..... | T. H. Gill Co. | Aug. 21 | 4.70 | ..... | 4.70 | ..... | ..... | 52,486 50 | 35 |
| 1452 ⁵ | 8 | Tioga..... | Dana W. Robbins..... | Aug. 21 | 5.50 | ..... | ..... | ..... | ..... | 72,025 50 | 45 |
| 1454..... | 2 | Schenectady..... | Albany Construction Co. | Aug. 18 | 6.33 | ..... | ..... | ..... | ..... | 74,500 50 | 35 |
| 1457 ¹ | 1 | Westchester..... | Smith Bros. Contracting Co. | Sept. 28 | 4.62 | ..... | ..... | 4.62 | ..... | 65,206 10 | 42 |
| 1460..... | 2 | Saratoga..... | J. J. Guinan Contracting Co. | Oct. 28 | 6.74 | ..... | ..... | 6.74 | ..... | 105,791 50 | 98 |
| 1463..... | 5 | Sullivan..... | Armstrong & Trowbridge..... | Oct. 28 | 5.63 | ..... | 5.63 | ..... | ..... | 64,697 00 | 4 |
| 1466..... | 7 | Monroe..... | Ribstein-Holter Co., Inc. | Oct. 31 | 6.33 | ..... | ..... | ..... | ..... | 70,815 00 | 41 |
| 1469..... | 9 | Chautauque..... | William Felton..... | Oct. 31 | 4.94 | ..... | ..... | 4.42 | ..... | 85,094 00 | 39 |
| 1473..... | 8 | Chenango..... | Peddelford & King..... | Oct. 31 | 3.06 | ..... | 3.06 | ..... | ..... | 43,154 50 | 21 |
| 1474..... | 8 | Steuben..... | Atlanta Construction Co. | Oct. 28 | 4.99 | ..... | ..... | ..... | ..... | 46,151 26 | ..... |
| 1475..... | 8 | Steuben..... | Atlanta Construction Co. | Oct. 28 | 6.00 | ..... | 6.00 | ..... | ..... | 69,320 01 | ..... |
| 1476..... | 8 | Steuben..... | Atlanta Construction Co. | Oct. 28 | 4.00 | ..... | 4.00 | ..... | ..... | 49,405 51 | ..... |
| 1478..... | 5 | Sullivan..... | Jackson Bros. | Nov. 28 | 4.01 | ..... | 4.01 | ..... | ..... | 47,808 00 | ..... |
| 5545 ¹ | 2 | Schenectady..... | Green & Miller..... | Sept. 26 | 5.62 | ..... | ..... | ..... | ..... | 49,600 15 | 27 |
| 5580..... | 1 | Dutchess..... | John De Michiel & Bro. | June 10 | 6.97 | ..... | 6.97 | ..... | ..... | 86,477 50 | 32 |
| 5587 ¹ | 6 | Onondaga..... | M. J. Gleason Co. | April 21 | 5.12 | ..... | ..... | 0.37 | 4.75 | 86,404 79 | 56 |
| 5599-A ⁴ | 1 | Ulster..... | H. K. Corbin & Co., Inc. | June 8 | ..... | ..... | ..... | ..... | ..... | 61,360 00 | 66 |

| | | | | | | | | | | | |
|-----------------------------------|---|-------------------|---------------------------------------|----------|-------|-------|-------|-------|-------|----------------------|-------------|
| 5602..... | 3 | Franklin..... | Arthur F. McConville..... | Aug. 21 | 1.99 | ..... | 1.53 | 0.46 | ..... | 67,120 75 | 72 |
| 5607..... | 9 | Cattaraugus..... | Vedder Construction Co..... | Nov. 1 | 4.73 | ..... | ..... | 4.73 | ..... | 72,798 00 | 5 |
| 5608..... | 9 | Cattaraugus..... | Vedder Construction Co..... | Nov. 1 | 2.17 | ..... | ..... | 2.17 | ..... | 33,179 90 | 27 |
| 5609..... | 6 | Cayuga..... | Charles O. McComb..... | July 15 | 3.89 | ..... | ..... | 3.89 | ..... | 49,378 50 | 72 |
| 5610..... | 6 | Cayuga..... | Sullivan Construction Co..... | July 11 | 4.39 | 0.63 | ..... | 3.76 | ..... | 86,325 00 | 24 |
| 5612..... | 3 | St. Lawrence..... | H. P. Burgard..... | Oct. 30 | 9.12 | ..... | 2.18 | ..... | 6.94 | 139,810 70 | 84 |
| 5613..... | 3 | Franklin..... | W. T. Thayer & Co..... | Aug. 22 | 10.36 | ..... | 10.36 | ..... | ..... | 124,417 40 | 73 |
| 5615..... | 8 | Allegany..... | Frank J. Foote..... | Aug. 21 | 9.07 | ..... | ..... | ..... | ..... | 111,063 00 | 16 |
| 5617..... | 3 | Jefferson..... | Pathfinder Construction Co., Inc..... | Aug. 21 | 5.03 | ..... | 5.03 | ..... | ..... | 60,247 60 | 98 |
| 5618 ¹ | 3 | Jefferson..... | P. J. Kennedy..... | Aug. 21 | 4.05 | ..... | 3.84 | 0.21 | ..... | 59,638 00 | 63 |
| 5623 ¹ | 9 | Erie..... | Harper & Higginson..... | Nov. 2 | 5.19 | ..... | ..... | 5.19 | ..... | 106,950 00 | 1 |
| 5623 ¹ | 5 | Chenango..... | A. B. Haight..... | Sept. 25 | 1.30 | 1.30 | ..... | ..... | ..... | 21,329 40 | 93 |
| 5628..... | 1 | Dutchess..... | A. T. Moran..... | Nov. 24 | 6.79 | ..... | 6.79 | ..... | ..... | 79,279 25 | 5 |
| 5632..... | 6 | Wayne..... | Harradine Bros. Co..... | Oct. 28 | 5.85 | ..... | ..... | 5.85 | ..... | 81,816 40 | 93 |
| 5636 ⁴ | 2 | Albany..... | Belmar Contracting Co..... | Nov. 24 | 3.93 | ..... | ..... | 3.93 | ..... | 59,853 90 | .... |
| 97 1918 contracts, totalling..... | | | | | | | | | | 519.32 244.39 154.06 | 5.47 114.68 |
| | | | | | | | | | | 0.72 | ..... |

CONTRACTS OF 1917

| | | | | | | | | | | | |
|-------------------------|---|-------------------|--------------------------------------|----------|------|-------|-------|-------|------------|------------|------|
| 1171..... | 5 | Chenango..... | Paddelford & King..... | July 1 | 7.12 | 7.12 | ..... | ..... | ..... | 78,446 45 | 22 |
| 1208 ² | 1 | Suffolk..... | Robert W. Smith Corporation..... | Aug. 7 | 9.57 | ..... | ..... | 9.57 | ..... | 173,051 80 | 30 |
| 1300 ³ | 3 | Lewis..... | Dale Engineering Co..... | Aug. 10 | 8.82 | ..... | 8.82 | ..... | ..... | 118,975 50 | 20 |
| 1318 ⁴ | 9 | Niagara..... | Elmer J. Latus..... | Sept. 24 | 8.00 | ..... | 8.00 | ..... | ..... | 62,560 35 | .... |
| 1332 ⁴ | 1 | Columbia..... | Raymond A. Kelton..... | May 29 | 7.77 | ..... | 7.77 | ..... | ..... | 50,546 02 | 1 |
| 1361 ⁴ | 4 | Madison..... | Graylock Construction Co..... | Aug. 2 | 5.65 | 5.65 | ..... | ..... | ..... | 49,262 59 | 23 |
| 1389..... | 3 | St. Lawrence..... | Henry P. Burgard..... | Feb. 27 | 4.60 | ..... | 4.60 | ..... | ..... | 71,869 25 | .... |
| 1394..... | 1 | Nassau..... | H. J. Mullen Contracting Co..... | Feb. 24 | 2.99 | ..... | ..... | ..... | Asp. Bldg. | 114,209 10 | 69 |
| 1447..... | 9 | Erie..... | Roseney Contracting Corporation..... | May 9 | 4.50 | 2.06 | ..... | 1.84 | ..... | 74,402 25 | 98 |
| 1449..... | 5 | Broome..... | Louis Mayerohn..... | April 17 | 5.35 | ..... | 5.35 | ..... | ..... | 71,302 00 | 6 |
| 1450 ⁴ | 5 | Broome..... | T. H. Gill & Co..... | Feb. 27 | 6.93 | ..... | 6.93 | ..... | ..... | 108,665 72 | 8 |
| 1464..... | 1 | Ulster..... | Conway Bros. & Kennedy..... | May 9 | 1.80 | 0.27 | 1.53 | ..... | ..... | 28,724 48 | 90 |
| 1484..... | 3 | Jefferson..... | Ross Brothers..... | May 21 | 0.66 | ..... | 0.66 | ..... | ..... | 12,037 90 | 99 |
| 1491 ⁵ | 9 | Erie..... | H. E. Rainer..... | Feb. 26 | 2.97 | 2.97 | ..... | ..... | ..... | 35,490 60 | 61 |

¹ Forfeited. Being completed by department forces.² See previous years.³ Forfeited. See 1918 contracts.⁴ Forfeited.⁵ Suspended under Hewitt Act.⁶ Bridge piers.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — *Concluded*

| Highway No. | Div. No. | County | Contractor | Date of contract | Total mile- age | Type mileage | | | | | Contract price plus or minus special agreements | Per cent com- pleted Dec. 31, 1918 |
|--------------------------------------|-------------|-------------|----------------------------------|---------------------|-----------------------|--------------|--------------|---------------|---------------|------------|---|---|
| | | | | | | W. B. | Bit. mac. | Brick Con. | Miscellaneous | | | |
| | | | | | | | | | Type | Miles | | |
| CONTRACTS OF 1917 — <i>Concluded</i> | | | | | | | | | | | | |
| 1493 ¹ | 9 | Erie | Cold Spring Construction Co. | Feb. 26 | 3.02 | 3.02 | .... | .... | .... | 36,633 55 | .... |  |
| 1499 | 7 | Monroe | Michael H. Ripton | Feb. 24 | 4.56 | 3.28 | .... | .... | 1.28 | 78,618 50 | 25 | |
| 1500 ¹ | 6 | Cortland | S. P. Hull | Feb. 23 | 2.33 | 2.33 | .... | .... | .... | 35,351 00 | 25 | |
| 1506 | 6 | Oneida | Dale Engineering Co. | May 9 | 5.52 | 5.52 | .... | .... | .... | 64,444 55 | 95 | |
| 5380 ¹ | 1 | Nassau | James McAvoy | Aug. 2 | 1.57 | .... | .... | .... | 1.57 | 37,504 05 | 24 | |
| 5547 ² | 4 | Oneida | Wm. P. McDonald Construction Co. | Sept. 25 | 0.70 | .... | .... | .... | MM-2 | 20,732 74 | 23 | |
| 5571 ³ | 1 | Westchester | Leo T. Welch | Aug. 1 | 4.29 | 1.05 | 3.24 | .... | .... | 29,277 50 | 55 | |
| 5604 | 4 | Oneida | Harry W. Roberts & Co. | Aug. 2 | 1.03 | .... | .... | 0.71 | Bitu | 47,765 50 | 90 | |
| 22 1917 contracts, totalling | | | | | 98.77 | 33.87 | 34.30 | .... | 27.59 | .... | .... |  |
| CONTRACTS OF 1918 | | | | | | | | | | | | |
| 1312 ¹ | 1 | Dutchess | S. B. Van Wagonen | Aug. 20 | 6.81 | .... | 6.81 | .... | .... | 104,735 10 | .... |  |
| 1348 ² | 1 | Greene | Joseph Walker | Aug. 16 | 3.98 | 3.98 | .... | .... | .... | 63,347 00 | .... |  |
| 1435 ² | 6 | Cortland | Michael O'Brien | April 22 | 6.07 | 6.07 | .... | .... | .... | 64,717 30 | .... |  |
| 5571 ¹ | 1 | Westchester | Giorgia & Troisi | Oct. 2 | 4.20 | 1.05 | 3.24 | .... | .... | 63,556 10 | .... |  |
| 5590 | 9 | Niagara | John Johnson Const. Co. | April 22 | 0.61 | .... | 0.05 | 0.56 | .... | 30,747 10 | 99 | |
| 5618 ¹ | 3 | Jefferson | Greylock Const. Co. | April 22 | 4.05 | .... | 3.84 | 0.21 | .... | 40,737 09 | .... |  |

¹Contract forfeited. Being completed by department forces.

²See previous years.

³Suspended under the Hewitt Act.

⁴Forfeited. Re: 1917 contract.

APPENDIX E

TABLE

SHOWING ALL

STATE AND COUNTY HIGHWAYS

WHICH HAVE BEEN ASSIGNED HIGHWAY NUMBERS
AND WHICH ARE NOW AWAITING CONTRACT

DECEMBER 31, 1918

[551]

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

| Highway number | Name | County | Estimated cost | Miles | Type |
|-------------------|--|-----------------|----------------|-------|-------------|
| 104* | Downsville..... | Delaware..... | \$14,700 00 | 4.20 | ..... |
| 396* | Bristol Valley, Part 2..... | Ontario..... | 57,600 00 | 6.68 | ..... |
| 404* | Bristol Valley, Part 3..... | Ontario..... | 14,700 00 | 2.00 | ..... |
| 422* | Bearville—Beechford—Mt. Pleasant..... | Ulster..... | 88,775 00 | 6.83 | ..... |
| 470* | Mohawk—Jordanville..... | Herkimer..... | ..... | 4.33 | ..... |
| 473* | Little Falls—Jacksonburg..... | Herkimer..... | 31,000 00 | 3.03 | ..... |
| 496..... | Brookport—Holley, Part 1..... | Monroe..... | 18,500 00 | 2.26 | ..... |
| 500* | Cedar Hill Cemetery; Unionville—New Jersey Line; New Hampton—Denton; Greenwood Lake—Tuxedo Road..... | Orange..... | 54,900 00 | 4.75 | ..... |
| 501..... | Goshen—Middletown..... | Orange..... | 50,400 00 | 5.25 | ..... |
| 514* | Snooks Corners—Amsterdam..... | Montgomery..... | 26,900 00 | 2.70 | Waterbound. |
| 516..... | Johnstown—Tribes Hill, Part 2..... | Montgomery..... | 24,625 00 | 2.75 | ..... |
| 517* | Palatine Bridge—Stone Arabia..... | Montgomery..... | 37,300 00 | 3.70 | Waterbound. |
| 576..... | Montgomery—Bullville..... | Orange..... | 48,300 00 | 7.51 | ..... |
| 578* | Albion—Eagle Harbor Quarry; Albion—Annis Corners..... | Orleans..... | 25,800 00 | 1.56 | ..... |
| 600* | Monroe—Chester..... | Orange..... | 64,600 00 | 3.55 | ..... |
| 602..... | Bearville—Willow..... | Ulster..... | 45,900 00 | 5.57 | ..... |
| 672-A* | Syracuse—Bridgeport..... | Onondaga..... | 17,700 00 | 1.14 | Bit. Mac. |
| 688..... | Augar..... | Orleans..... | 23,100 00 | 1.88 | ..... |
| 707* | Smithville Flat—Long Pond..... | Chenango..... | 55,200 00 | 1.83 | ..... |
| 739* | Turner..... | Orange..... | 12,100 00 | 0.98 | ..... |
| 774..... | Tonawanda Creek—Pendleton Town Line..... | Niagara..... | 65,800 00 | 4.62 | W. B. |
| 779* | Plattsburg—Ingraham..... | Clinton..... | ..... | 2.30 | ..... |
| 785* | Richfield Springs—Schuyler Lake..... | Oswego..... | 53,800 00 | 1.72 | ..... |
| 807..... | Kirk—North Pharsalia..... | Chenango..... | 58,200 00 | 5.68 | ..... |

* See footnote in Appendix B, list by counties.

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918 — *Continued*

| Highway number | Name | County | Estimated cost | Miles | Type |
|-------------------|--|------------------|----------------|-------|----------------------------|
| 818* | Ballston Town Line—Scotch Church..... | Saratoga..... | ..... | 0.92 | ..... |
| 819* | Ballston—Charlton Town Line..... | Saratoga..... | ..... | 1.88 | ..... |
| 1055..... | Arcade—East Arcsde, Part 1..... | Wyoming..... | 27,100 00 | 1.94 | ..... |
| 1056..... | Attica—Schaub Corners..... | Wyoming..... | 42,500 00 | 3.44 | ..... |
| 1057..... | Darien Center—Bennington, Part 2..... | Wyoming..... | 36,500 00 | 2.27 | ..... |
| 1073-A..... | Minoa—Manlius Center—Manlius..... | Onondaga..... | ..... | 2.37 | Concrete. |
| 1084..... | North Tonawanda City..... | Niagara..... | 98,700 00 | 2.33 | ..... |
| 1099..... | Tupper Lake—Long Lake, Part 3..... | Hamilton..... | 74,000 00 | 5.03 | ..... |
| 1103..... | Hartsville—Canisteo..... | Steuben..... | 49,200 00 | 5.59 | W. B. |
| 1316..... | Dickersonville—Cambria..... | Niagara..... | 33,500 00 | 2.49 | Concrete |
| 1340..... | Grant Corner—Rundall Corner—Bailey Corner—State Line..... | Westchester..... | 55,400 00 | 4.25 | Bit. Mac. |
| 1355..... | North Western—Boonville, Part 1..... | Oneida..... | 141,700 00 | 6.15 | W. B., Surf. |
| 1356..... | North Western—Boonville, Part 2..... | Oneida..... | 82,900 00 | 5.74 | W. B., Surf. |
| 1359..... | East Onondaga: Seneca Street..... | Onondaga..... | 5,800 00 | 0.22 | Br. & Con. |
| 1362..... | Vanhornesville—Starkville..... | Herkimer..... | 86,600 00 | 5.84 | W. B. |
| 1363..... | Paines Hollow—Stone House..... | Herkimer..... | 68,500 00 | 5.67 | W. B. |
| 1370..... | Harta Corner—White Plains..... | Westchester..... | 51,500 00 | 1.74 | Concrete. |
| 1376..... | Bull Run—Bleecker..... | Fulton..... | 42,500 00 | 2.80 | W. B., Surf. & St. Blk. |
| 1382..... | Rome—Ava, Part 1..... | Oneida..... | 47,300 00 | 1.05 | Bitu. & Bit. Mac. |
| 1383..... | Malone—Dickinson, Part 2..... | Franklin..... | 59,400 00 | 4.75 | Bit. Mac. |
| 1384..... | West Bangor—Reynoldstown..... | Franklin..... | 46,300 00 | 4.04 | Bit. Mac. |
| 1385..... | Tupper Lake—Saranac Lake, Part 1..... | Franklin..... | 43,900 00 | 3.53 | Bit. Mac. |
| 1386..... | Hunter Home—Clinton Co. Line..... | Franklin..... | 83,200 00 | 6.98 | Bit. Mac. |

| | | | | | |
|-----------|---|------------------|------------|------|-----------------------------|
| 1392..... | Rush—Mendon, Part 1..... | Monroe..... | 38,000 00 | 3.69 | Bit. Mac. |
| 1397..... | Gunn Corners—Fishers Landing, Part 2..... | Jefferson..... | 91,900 00 | 6.65 | Bit. Mac. |
| 1411..... | Wadhams Mills—Whallonsburg..... | Essex..... | 67,000 00 | 4.95 | Bit. Mac. |
| 1423..... | Speigeltown—Tomhannock Reservoir..... | Rensselaer..... | 85,300 00 | 6.34 | W. B. |
| 1424..... | Stone Schoolhouse—North Petersburg—Vermont State Line..... | Rensselaer..... | 75,900 00 | 4.95 | W. B. |
| 1426..... | Whitehouse Bridge—Vermont State Line..... | Rensselaer..... | 48,500 00 | 3.80 | ..... |
| 1429..... | Barre Center—Elba, Part 1..... | Orleans..... | 62,300 00 | 4.82 | W. B. |
| 1442..... | Barnes Corners—Copenhagen, Part 2..... | Lewis..... | 59,900 00 | 4.74 | Bit. Mac. |
| 1445..... | East Aurora—Lancaster, Part 2..... | Erie..... | 53,000 00 | 3.54 | Concrete |
| 1446..... | South Newstead—Peters Corners..... | Erie..... | 14,200 00 | 0.91 | Concrete |
| 1456..... | Westchester avenue..... | Westchester..... | 34,700 00 | 1.09 | Concrete. |
| 1458..... | Morehouseville—Piseco, Part 1..... | Hamilton..... | 115,900 00 | 6.82 | Bit. |
| 1461..... | Schuylerville—Gausevoort..... | Saratoga..... | 154,100 00 | 9.06 | W. B., Surf. |
| 1462..... | North Western—Boonville, Part 3..... | Oneida..... | 26,700 00 | 0.45 | Brick |
| 1467..... | Cobleskill—Sharon Springs, Part 2..... | Schoharie..... | 62,000 00 | 5.25 | W. B., Surf. |
| 1468..... | Coeymans—Indian Fields, Part 1..... | Albany..... | 47,000 00 | 1.45 | B.M. & St.Bl. & Concrete |
| 1470..... | Kennedy—Ellington..... | Chautauqua..... | 83,000 00 | 4.19 | Concrete |
| 1471..... | Pratt Corner—Sinclairville..... | Chautauqua..... | 104,800 00 | 5.85 | Concrete |
| 1472..... | Sloatsville—Charleston, Part 1..... | Schoharie..... | 30,000 00 | 1.84 | Bit. Mac. |
| 1479..... | Arcade—Farmersville, Part 2..... | Cattaraugus..... | 40,100 00 | 4.15 | Concrete |
| 1480..... | Leon—Wesley, Part 1..... | Cattaraugus..... | 61,900 00 | 3.00 | Con. & W. B. |
| 1481..... | Elmgrove—Ridge..... | Monroe..... | 43,800 00 | 2.73 | Vit. Cubes. |
| 1482..... | Pattersonville—Scotch Church..... | Schenectady..... | 52,000 00 | 3.42 | W. B. Surf. |
| 1483..... | Mongaup—Pond Eddy..... | Sullivan..... | 101,800 00 | 5.69 | Bit. Mac. |
| 1485..... | Worcester—Decatur..... | Otsego..... | 60,100 00 | 4.09 | W. B. |

* See footnotes in Appendix B, list by counties.

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918 - *Continued*

| | Route | County | Estimated cost | Miles | Type |
|------|--|-------------|----------------|-------|-----------------------|
| 1607 | Cherry—Champlain | Clinton | 40,000 00 | 3.84 | Imp. Mac. |
| 1608 | Lawrence—Clinton Brook | Essex | 43,000 00 | 2.84 | P. Con. |
| 1609 | Bridghampton—Devon | Essex | 210,000 00 | 11.08 | P. Con. |
| 1610 | Westport—Blackburn | Essex | 130,000 00 | 8.80 | Imp. M. & Con. |
| 1611 | Rockwell Mills—North New Berlin | Montgomery | 63,000 00 | 4.78 | W. H. |
| 1612 | Montgomery—Blue Corners | Montgomery | 40,000 00 | 3.63 | W. H. |
| 1613 | Chastabon—Hager, Part 4 | Warren | 97,000 00 | 4.60 | Imp. Mac. |
| 1614 | Pittsford—Palmyra, Part 3 | Wayne | 62,200 00 | 2.90 | Concrete |
| 1615 | Stone Arch—Epitaph, Part 1 | Montgomery | 30,000 00 | 2.74 | W. H. |
| 1616 | Jordan Village—North Main street | Chenango | 23,000 00 | 0.90 | Concrete |
| 1617 | Baldwinsville—Palmyra | Chenango | 122,600 00 | 7.45 | Imp. Con. & W. H. |
| 1618 | Washingtonville Village | Orange | 42,700 00 | 2.48 | Concrete |
| 1619 | Salamanca—Bathsville, Part 2 | Cattaraugus | 113,000 00 | 5.08 | Concrete |
| 1620 | Alton—Convent, Part 2 | Chenango | 14,700 00 | 2.02 | Imp. Mac. |
| 1621 | Lake Placid Village—Main street and Saranac avenue | Essex | 65,700 00 | 1.00 | Imp. Con. & Imp. Mac. |
| 1622 | Westchester County Line—Mahopac Falls—Mahopac Lake | Putnam | 63,000 00 | 3.33 | Imp. Mac. |
| 1623 | Putnam—Putnam County Line | Putnam | 30,400 00 | 1.01 | Imp. Mac. |
| 1624 | West Haverstraw—Stony Point, Part 2 | Herkland | 0,000 00 | 0.42 | Imp. Mac. |
| 1625 | North Creek—North River | Warren | 137,000 00 | 4.85 | Concrete |
| 1626 | Alton—Wolfert | Wayne | | 3.83 | Concrete. |

STATE HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

| Highway number | Name | County | Estimated cost | Miles | Type |
|----------------|---|-------------------------|----------------|-------|--------------|
| 5042-C. A. | Auburn-Seneca Falls, Pt 2..... | { Cayuga Seneca..... | ..... | 0.07 | ..... |
| 5087-C. A. | Geneva-Waterloo..... | Seneca..... | ..... | 0.07 | ..... |
| 5093..... | Fairport Extension..... | Monroe..... | ..... | 0.11 | ..... |
| 5208-A..... | Horseheads-Montour Falls..... | Chemung..... | \$2,600 00 | 0.18 | ..... |
| 5261-A*..... | Afton-Bainbridge..... | Chemung..... | 23,300 00 | 0.40 | W. B. |
| 5269-A*..... | County Line-Adams Center..... | Jefferson..... | 27,700 00 | 0.72 | Bit. Mac. |
| 5286..... | Watkins-Bennettsburg..... | Jefferson..... | 3,000 00 | 0.16 | Bit. Mac. |
| 5298-A..... | Dover Plains-Pawling Town Line, Pt 2..... | Schuyler..... | ..... | 0.77 | ..... |
| 5358..... | Mount Vernon City: Columbus Avenue..... | Dutchess..... | ..... | 0.92 | Cem. Conc. |
| 5377..... | Riverside Drive-Binghamton..... | Westchester..... | 13,400 00 | 0.28 | ..... |
| 5402..... | Carthage Village: State Street..... | Broome..... | 45,800 00 | 1.91 | ..... |
| 5405*..... | Allegany Village: Main Street..... | Jefferson..... | 3,200 00 | 0.35 | Bit. Mac. |
| 5512..... | New Jersey State Line-Nyack, Parts 1 and 3..... | Cattaraugus..... | 36,700 00 | ..... | Brick** |
| 5528..... | Wells-Speculator, Part 2..... | Rockland..... | 73,400 00 | 3.75 | ..... |
| 5592..... | Ballston Spa Village: High Street..... | Hamilton..... | 127,300 00 | 6.74 | W. B. |
| 5599..... | Kingston-Port Ewen..... | Saratoga..... | 10,100 00 | 0.24 | Bit. Mac. |
| 5608..... | Middleport-Medina, Part 2..... | Ulster..... | 65,800 00 | 0.49 | ..... |
| 5621..... | Cedarville-West Winfield..... | Orleans..... | 67,800 00 | 3.72 | ..... |
| 5625..... | Fayetteville-Clittenango, Part 1..... | Herkimer..... | 65,600 00 | 5.57 | W. B. |
| 5626..... | Oppenheim-Dolgeville..... | Onondaga..... | 71,000 00 | 3.94 | Concrete |
| 5627..... | South Lansing-Myers..... | Fulton..... | 62,500 00 | 4.90 | W. B., Surf. |
| 5630..... | Weedsport-Jordan, Part 2..... | Tompkins..... | 37,600 00 | 2.46 | W. B., Surf. |
| 5633..... | Utica-Poland, Part 2..... | Onondaga..... | \$34,500 00 | 1.03 | Concrete |
| 5634..... | Evans Center-Farnham..... | Oneida..... | ..... | 5.10 | ..... |
| 5635..... | Marilla-Wales Center..... | Erie..... | 101,500 00 | 5.26 | Concrete |
| 5637..... | Whitehall-Dresden Center, Part 2..... | Essex..... | ..... | 5.78 | Concrete |
| 5639..... | Ballston Lake-Crescent, Part 2..... | Washington..... | 158,300 00 | 5.77 | Bit. Mac. |
| 5641..... | Masena-Winthrop, Part 1..... | Saratoga..... | ..... | 6.37 | Bit. Mac. |
| | | St. Lawrence..... | ..... | 5.45 | Bit. Mac. |

* See footnote in Appendix B, list by counties.

** 0.61 mile.

FEDERAL AID HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

| Highway number | Name | County | Estimated cost | Miles | Type |
|-------------------|-------------------------------------|--------------|----------------|-------|-----------|
| 8000 | Perry Center—Moscow, Part 1 | Wyoming | 81,600 00 | 2.59 | Concrete |
| 8001 | Greene—Oxford, Part 1 | Chenango | ..... | 5.57 | ..... |
| 8002 | Greene—Oxford, Part 2 | Chenango | ..... | 5.87 | ..... |
| 8003 | Fredonia—Silver Creek, Part 2 | Chautauqua | ..... | 4.29 | Concrete |
| 8004 | Nicholville—St. Regis Falls, Part 1 | St. Lawrence | 77,000 00 | 3.48 | Bit. Mac. |
| 8005 | Alton—Wolcott, Part 2 | Wayne | ..... | 3.21 | ..... |
| 8006 | Akin—Johnstown, Part 2 | Fulton | ..... | 1.06 | W. B. |

APPENDIX F

SHOWING

SUMMARIES

OF DIFFERENT TABLES AND APPENDICES

DECEMBER 31, 1918

[559]

SUMMARY OF APPENDIX B, ALSO SHOWING MILEAGES ON APPROVED SYSTEMS,
DECEMBER 31, 1918

| County | Highway classification | Total mileage allotted | MILES CONTRACTED FOR | | | | MILES COMPLETED | | | | MILES UNDER CONTRACT | | | |
|------------------|------------------------|------------------------|----------------------|--------|-----------|--------|-----------------|--------|-----------|--------|----------------------|-------|-----------|--------|
| | | | Total | Towns | Vil-lages | Cities | Total | Towns | Vil-lages | Cities | Total | Towns | Vil-lages | Cities |
| | | | | | | | | | | | | | | |
| Albany..... | State..... | 43.18 | 25.68 | 24.54 | ..... | 1.14 | 31.75 | 20.61 | ..... | 1.14 | 3.93 | ..... | ..... | ..... |
| County..... | County..... | 172.00 | 0.72 | 164.21 | ..... | 4.42 | 171.28 | 164.21 | ..... | 4.42 | ..... | ..... | ..... | ..... |
| Special..... | Special..... | 1.59 | 1.59 | 0.44 | ..... | 1.15 | 1.59 | 0.44 | ..... | 1.15 | ..... | ..... | ..... | ..... |
| Allegany..... | State..... | 82.99 | 67.40 | 60.17 | 7.23 | ..... | 58.33 | 50.84 | 7.23 | ..... | 9.07 | ..... | ..... | ..... |
| County..... | County..... | 155.00 | 95.63 | 50.84 | ..... | ..... | 93.37 | 50.84 | ..... | ..... | ..... | ..... | ..... | ..... |
| Broome..... | State..... | 73.27 | 30.53 | 33.94 | 4.20 | 4.60 | 42.74 | 33.94 | 4.20 | 4.60 | ..... | ..... | ..... | ..... |
| County..... | County..... | 138.00 | 22.44 | 110.30 | 4.39 | 0.87 | 66.58 | 93.32 | 4.39 | 0.87 | 16.98 | ..... | ..... | ..... |
| Cattaraugus..... | State..... | 79.21 | 15.60 | 52.81 | 6.29 | 4.51 | 42.85 | 33.40 | 4.94 | 4.51 | 20.78 | 19.41 | 1.35 | ..... |
| County..... | County..... | 189.00 | 140.75 | 43.61 | 4.89 | 3.00 | 45.82 | 33.93 | 4.89 | 3.00 | 4.43 | ..... | ..... | ..... |
| Cayuga..... | State..... | 43.57 | 14.07 | 25.60 | 1.58 | 2.03 | 21.22 | 19.18 | ..... | 2.03 | 19.51 | 17.70 | 1.07 | 0.74 |
| County..... | County..... | 125.00 | 16.54 | 100.17 | 7.42 | 0.87 | 58.35 | 82.47 | 6.35 | 0.13 | ..... | ..... | ..... | ..... |
| Chautauqua..... | State..... | 76.59 | 35.00 | 33.82 | 6.39 | 1.48 | 41.69 | 32.82 | 6.39 | 1.48 | 23.55 | 19.81 | 3.00 | 0.74 |
| County..... | County..... | 207.00 | 145.43 | 61.57 | 5.35 | 1.33 | 38.02 | 35.08 | 2.35 | 0.59 | 7.86 | ..... | ..... | ..... |
| Chemung..... | State..... | 44.00 | 9.84 | 34.25 | 2.57 | 0.76 | 28.39 | 23.08 | 2.57 | 0.76 | ..... | ..... | ..... | ..... |
| County..... | County..... | 56.00 | 39.72 | 58.28 | 2.10 | 5.42 | 48.76 | 48.76 | ..... | ..... | ..... | ..... | ..... | ..... |
| Chenango..... | State..... | 80.76 | 32.10 | 40.51 | 6.83 | 1.23 | 48.68 | 39.93 | 5.50 | 1.23 | 1.89 | 0.58 | 1.33 | ..... |
| County..... | County..... | 136.00 | 32.35 | 103.65 | 98.16 | 0.97 | 36.38 | 82.41 | 3.00 | 0.87 | 17.27 | 15.75 | 1.52 | ..... |
| Clinton..... | State..... | 72.16 | 13.00 | 51.32 | 5.75 | 2.09 | 59.18 | 51.32 | 5.75 | 2.09 | ..... | ..... | ..... | ..... |
| County..... | County..... | 125.00 | 28.34 | 97.66 | 0.99 | 0.80 | 37.64 | 33.26 | 0.99 | 0.80 | ..... | ..... | ..... | ..... |
| Columbia..... | State..... | 72.41 | 34.90 | 73.42 | 3.06 | 1.17 | 55.51 | 57.26 | 3.06 | 1.17 | 14.91 | ..... | ..... | ..... |
| County..... | County..... | 125.00 | 51.58 | 73.42 | 2.05 | 0.09 | 58.51 | 57.26 | 2.05 | 0.09 | ..... | ..... | ..... | ..... |
| Cortland..... | State..... | 58.54 | 34.27 | 22.32 | 4.28 | 0.76 | 22.32 | 17.26 | 4.28 | 0.76 | ..... | ..... | ..... | ..... |
| County..... | County..... | 84.00 | 22.61 | 71.36 | ..... | ..... | 82.84 | 62.06 | ..... | ..... | 8.40 | ..... | ..... | ..... |
| Delaware..... | State..... | 105.90 | 11.10 | 91.80 | 5.31 | ..... | 92.80 | 86.49 | 5.31 | ..... | ..... | ..... | ..... | ..... |
| County..... | County..... | 200.00 | 120.02 | 79.98 | 68.63 | 11.29 | 59.53 | 52.03 | 7.08 | ..... | 20.03 | 16.44 | 3.61 | ..... |
| Dutchess..... | State..... | 258.20 | 0.91 | 53.29 | 47.70 | 6.71 | 41.53 | 34.03 | 6.71 | 0.79 | 13.78 | 13.78 | ..... | ..... |
| County..... | County..... | 172.00 | 38.15 | 133.81 | 123.86 | 8.68 | 113.87 | 103.99 | 7.60 | 1.28 | 19.85 | 18.77 | 1.08 | ..... |
| Erie..... | Special..... | 2.23 | 2.23 | 2.23 | ..... | ..... | 2.23 | 2.23 | ..... | ..... | ..... | ..... | ..... | ..... |
| County..... | County..... | 61.33 | 19.45 | 36.60 | 3.34 | 1.94 | 35.69 | 32.29 | 3.34 | 1.94 | 5.19 | 5.19 | ..... | ..... |
| Essex..... | State..... | 485.00 | 150.11 | 313.58 | 200.77 | 19.37 | 250.02 | 258.30 | 17.24 | 4.42 | 34.54 | 32.41 | 2.13 | ..... |
| County..... | County..... | 112.45 | 11.70 | 100.75 | 0.07 | 4.42 | 100.76 | 98.07 | 1.69 | ..... | ..... | ..... | ..... | ..... |
| Franklin..... | State..... | 141.00 | 71.96 | 69.04 | 54.19 | 7.85 | 66.04 | 58.07 | 7.85 | ..... | ..... | ..... | ..... | ..... |
| County..... | County..... | 54.53 | 17.36 | 37.31 | 32.00 | 4.43 | 24.98 | 22.67 | 2.31 | ..... | 12.35 | 10.23 | 2.12 | ..... |
| Fulton..... | State..... | 164.00 | 77.46 | 86.54 | 15.43 | 2.04 | 75.13 | 73.09 | 2.04 | ..... | 11.41 | 11.41 | ..... | ..... |
| County..... | County..... | 35.75 | 15.43 | 15.43 | ..... | ..... | 15.43 | 15.43 | ..... | ..... | ..... | ..... | ..... | ..... |
| Special..... | Special..... | 26.46 | 10.29 | 16.55 | 2.20 | 1.54 | 10.29 | 10.29 | 2.20 | 1.54 | 8.03 | 8.03 | ..... | ..... |
| County..... | County..... | 90.00 | 14.40 | 75.60 | 72.77 | 2.83 | 67.57 | 64.74 | ..... | 2.83 | ..... | ..... | ..... | ..... |

SUMMARY OF APPENDIX B, ALSO SHOWING MILEAGES ON APPROVED SYSTEMS, DECEMBER 31, 1918—Concluded

| County | Highway classification | Total mileage allotted | Miles of system still available for construction | MILES CONTRACTED FOR | | | | MILES COMPLETED | | | | MILES UNDER CONTRACT | | | |
|-----------------|------------------------|------------------------|--|----------------------|--------|-----------|--------|-----------------|--------|-----------|--------|----------------------|-------|-----------|--------|
| | | | | Total | Towns | Vil-lages | Cities | Total | Towns | Vil-lages | Cities | Total | Towns | Vil-lages | Cities |
| Genesee..... | State..... | 38.60 | 10.21 | 28.39 | 26.05 | 1.08 | 2.34 | 28.39 | 26.05 | ..... | 2.34 | ..... | ..... | ..... | ..... |
| Greene..... | County..... | 100.00 | 59.09 | 40.91 | 39.26 | 39.26 | 0.58 | 39.36 | 39.26 | ..... | 0.58 | 10.55 | 9.47 | 1.08 | ..... |
| Hamilton..... | State..... | 71.79 | 25.33 | 46.46 | 39.63 | 6.83 | ..... | 37.74 | 30.93 | 6.83 | ..... | 8.72 | 8.72 | ..... | ..... |
| Herkimer..... | County..... | 86.00 | 29.81 | 56.19 | 54.91 | 1.28 | ..... | 52.21 | 50.93 | 1.28 | ..... | 2.98 | 2.98 | ..... | ..... |
| Jefferson..... | State..... | 107.99 | 77.97 | 29.82 | 29.82 | ..... | ..... | 29.82 | 29.82 | ..... | ..... | ..... | ..... | ..... | ..... |
| Lewis..... | County..... | 93.00 | 59.30 | 33.70 | 33.70 | ..... | ..... | 19.93 | 19.93 | ..... | ..... | 13.77 | 13.77 | ..... | ..... |
| Livingston..... | State..... | 94.11 | 47.06 | 47.05 | 32.06 | 13.54 | 1.45 | 40.50 | 25.51 | 13.54 | 1.45 | 6.55 | 6.55 | ..... | ..... |
| Madison..... | County..... | 144.00 | 33.95 | 110.05 | 101.85 | 6.39 | 1.81 | 104.95 | 98.75 | 6.39 | 1.81 | 5.10 | 5.10 | ..... | ..... |
| Montgomery..... | State..... | 101.43 | 17.33 | 84.10 | 68.89 | 13.40 | 1.81 | 75.62 | 60.27 | 12.94 | 1.81 | 9.68 | 8.62 | 0.46 | ..... |
| Orleans..... | County..... | 128.00 | 0.00 | 128.00 | 128.00 | ..... | ..... | 128.00 | 128.00 | ..... | ..... | 22.47 | 21.10 | 1.37 | ..... |
| Oswego..... | State..... | 35.00 | ..... | 35.00 | 32.61 | 2.39 | 2.00 | 35.00 | 32.61 | 2.39 | 2.00 | ..... | ..... | ..... | ..... |
| Otsego..... | County..... | 97.00 | 43.96 | 53.04 | 49.68 | 3.36 | ..... | 44.22 | 40.86 | 3.36 | ..... | 8.82 | 8.82 | ..... | ..... |
| Livingston..... | State..... | 78.79 | 29.30 | 49.49 | 38.71 | 10.78 | ..... | 41.90 | 31.02 | 10.78 | ..... | 7.69 | 7.69 | ..... | ..... |
| Madison..... | County..... | 129.00 | 43.93 | 76.07 | 69.11 | 6.96 | ..... | 65.68 | 58.72 | 6.96 | ..... | 16.39 | 10.39 | ..... | ..... |
| Montgomery..... | Special..... | 53.31 | 1.18 | 50.70 | 44.54 | 6.16 | ..... | 46.25 | 34.09 | 6.16 | ..... | 10.45 | 10.45 | ..... | ..... |
| Orleans..... | County..... | 111.00 | 50.03 | 60.97 | 53.92 | 4.46 | 2.59 | 48.78 | 41.76 | 4.46 | 2.59 | 12.19 | 12.19 | 0.03 | ..... |
| Montgomery..... | State..... | 42.00 | 4.78 | 37.22 | 33.61 | 3.61 | ..... | 39.91 | 26.44 | 3.47 | ..... | 7.17 | 7.17 | 0.14 | ..... |
| Montgomery..... | County..... | 332.00 | 79.15 | 252.85 | 287.63 | 10.29 | 4.93 | 275.94 | 260.91 | 10.00 | 4.93 | 27.01 | 26.72 | 0.29 | ..... |
| Montgomery..... | State..... | 35.24 | 9.75 | 25.49 | 20.60 | 4.89 | ..... | 25.49 | 20.60 | 4.89 | ..... | ..... | ..... | ..... | ..... |
| Montgomery..... | County..... | 138.00 | 37.87 | 88.13 | 81.84 | 4.42 | 1.87 | 79.47 | 73.99 | 3.61 | 1.87 | 8.66 | 7.85 | 0.81 | ..... |
| Nassau..... | State..... | 11.70 | 2.80 | 8.90 | 8.90 | ..... | ..... | 7.33 | 7.33 | ..... | ..... | 1.57 | 1.57 | ..... | ..... |
| Nassau..... | County..... | 93.00 | 33.29 | 64.71 | 63.40 | 1.31 | ..... | 59.01 | 49.66 | 0.35 | ..... | 14.70 | 13.74 | 0.96 | ..... |
| Nassau..... | State..... | 70.85 | 5.43 | 65.42 | 56.86 | 5.87 | 2.60 | 64.81 | 56.60 | 5.52 | 2.60 | 0.61 | 0.26 | 0.35 | ..... |
| Nassau..... | County..... | 170.00 | 73.00 | 97.00 | 88.51 | 2.31 | 6.18 | 78.83 | 72.34 | 0.41 | 6.18 | 18.17 | 16.27 | 1.90 | ..... |
| Nassau..... | Special..... | 5.44 | ..... | 5.44 | 5.44 | ..... | ..... | 5.44 | 5.44 | ..... | ..... | ..... | ..... | ..... | ..... |
| Nassau..... | State..... | 113.84 | 5.67 | 108.17 | 89.95 | 15.24 | 2.98 | 101.06 | 83.74 | 15.24 | 2.98 | 7.99 | 6.31 | ..... | 0.88 |
| Nassau..... | County..... | 248.00 | 101.58 | 146.42 | 157.01 | 3.13 | 6.28 | 153.16 | 148.75 | 3.13 | 6.28 | 8.26 | 8.26 | ..... | ..... |
| Nassau..... | State..... | 63.62 | 6.59 | 56.43 | 50.57 | 4.53 | 1.33 | 51.31 | 45.82 | 4.53 | 0.98 | 5.12 | 4.75 | ..... | 0.37 |
| Nassau..... | County..... | 243.00 | 176.98 | 165.92 | 147.64 | 15.06 | 2.32 | 159.89 | 135.61 | 12.96 | 2.32 | 14.13 | 12.03 | 2.10 | ..... |
| Nassau..... | Special..... | 1.37 | ..... | 1.37 | 1.37 | ..... | ..... | 1.37 | 1.37 | ..... | ..... | ..... | ..... | ..... | ..... |
| Nassau..... | State..... | 54.29 | 16.78 | 39.42 | 32.20 | 5.55 | 1.67 | 39.42 | 32.20 | 5.55 | 1.67 | ..... | ..... | ..... | ..... |
| Nassau..... | County..... | 119.00 | 11.68 | 107.34 | 99.55 | 7.79 | ..... | 94.76 | 88.34 | 6.42 | ..... | 12.53 | 11.31 | 1.37 | ..... |
| Nassau..... | State..... | 64.42 | 26.86 | 37.56 | 33.90 | 3.66 | ..... | 32.31 | 28.71 | 3.60 | ..... | 5.20 | 3.11 | 0.09 | ..... |
| Nassau..... | County..... | 114.00 | 0.00 | 114.00 | 103.97 | 5.31 | ..... | 100.10 | 74.71 | 5.31 | ..... | 9.18 | 9.18 | ..... | ..... |
| Nassau..... | State..... | 64.83 | 24.92 | 39.91 | 24.34 | 5.57 | ..... | 29.91 | 24.34 | 5.57 | ..... | ..... | ..... | ..... | ..... |
| Nassau..... | County..... | 90.00 | 27.04 | 62.96 | 55.70 | 3.21 | ..... | 62.96 | 55.70 | 3.21 | ..... | ..... | ..... | ..... | ..... |
| Nassau..... | State..... | 85.34 | 14.09 | 71.25 | 55.51 | 8.61 | 7.09 | 71.25 | 55.51 | 8.61 | 7.09 | ..... | ..... | ..... | ..... |
| Nassau..... | County..... | 175.69 | 72.72 | 102.97 | 89.11 | 8.38 | 4.78 | 95.91 | 81.11 | 8.94 | 4.78 | 6.36 | 4.92 | 1.44 | ..... |
| Nassau..... | State..... | 48.71 | 11.85 | 46.86 | 41.40 | 0.68 | 0.68 | 46.86 | 41.40 | 0.68 | 0.68 | 5.32 | 4.92 | ..... | ..... |
| Nassau..... | County..... | 191.00 | 81.12 | 109.88 | 104.07 | 5.00 | 0.81 | 51.81 | 77.78 | 2.63 | 0.81 | 23.66 | 20.20 | 2.37 | ..... |

SUMMARY OF APPENDIX C, SHOWING MILEAGES

| ROUTE NO. | 1 | 2 | 3 | 3A | 4 | 4A | 4B | 5 | 5A | 5B | 5C |
|-------------------|--------|--------|--------|-------|--------|-------|-------|--------|-------|-------|------|
| Albany..... | | | 14.00 | | | | | | | 0.70 | |
| Allegany..... | | | | | 49.21 | | 2.19 | | | | |
| Broome..... | | | | | 43.95 | 16.58 | | | | | |
| Cattaraugus..... | | | | | 56.59 | | | | | | |
| Cayuga..... | | | | | | | | | | | |
| Chautauqua..... | | | | | 39.33 | | | | | | |
| Chemung..... | | | | | 28.75 | | | | | | |
| Chenango..... | | | | | | | | | | | |
| Clinton..... | | | | | | | | | | | |
| Columbia..... | 51.23 | 29.76 | | | | | | | | | |
| Cortland..... | | | | | | 16.00 | | | | | |
| Delaware..... | | | | 12.90 | 39.45 | | | 56.73 | | | |
| Dutchess..... | 42.54 | 42.96 | | | | | | | | | |
| Erie..... | | | | | | | | | | | |
| Essex..... | | | | | | | | | | | |
| Franklin..... | | | | | | | | | | | |
| Fulton..... | | | | | | | | | | | |
| Genesee..... | | | | | | | | | | | |
| Greene..... | | | 27.62 | | | | | | 38.17 | 13.90 | 3.95 |
| Hamilton..... | | | | | | | | | | | |
| Herkimer..... | | | | | | | | 16.76 | | | |
| Jefferson..... | | | | | | | | | | | |
| Lewis..... | | | | | | | | | | | |
| Livingston..... | | | | | | | | | | | |
| Madison..... | | | | | | | | | | | |
| Monroe..... | | | | | | | | | | | |
| Montgomery..... | | | | | | | | | | | |
| Nassau..... | | | | | | | | | | | |
| Niagara..... | | | | | | | | | | | |
| Oneida..... | | | | | | | | | | | |
| Onondaga..... | | | | | | | | | | | |
| Ontario..... | | | | | | | | | | | |
| Orange..... | | | 23.12 | 6.89 | 41.92 | | | | | | |
| Orleans..... | | | | | | | | | | | |
| Oswego..... | | | | | | | | | | | |
| Otsego..... | | | | | | | | 35.07 | | | |
| Putnam..... | 15.11 | 12.64 | | | | | | | | | |
| Rensselaer..... | 13.23 | | | | | | | | | | |
| Rockland..... | | | 27.88 | | | | | | | | |
| St. Lawrence..... | | | | | | | | | | | |
| Saratoga..... | | | | | | | | | | | |
| Schenectady..... | | | | | | | | | | | |
| Schoharie..... | | | | | | | | 2.65 | | | |
| Schoyler..... | | | | | | | | | | | |
| Seneca..... | | | | | | | | | | | |
| Steuben..... | | | | | 57.70 | | 20.36 | | | | |
| Suffolk..... | | | | | | | | | | | |
| Sullivan..... | | | | 42.48 | 46.64 | | | | | | |
| Tioga..... | | | | | 30.60 | | | | | | |
| Tompkins..... | | | | | | | | | | | |
| Ulster..... | | | 41.85 | | | | | 39.10 | | | |
| Warren..... | | | | | | | | | | | |
| Washington..... | | | | | | | | | | | |
| Wayne..... | | | | | | | | | | | |
| Westchester..... | 43.98 | 42.32 | | | | | | | | | |
| Wyoming..... | | | | | | | | | | | |
| Yates..... | | | | | | | | | | | |
| Route totals..... | 166.09 | 127.68 | 134.47 | 62.27 | 434.14 | 32.58 | 22.55 | 150.31 | 38.17 | 14.60 | 3.95 |

OF STATE ROUTES, BY COUNTIES AND TOTALS

| 6 | 6A | 7 | 7A | 8 | 8A | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--------|-------|--------|-------|-------|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 9.30 | | 25.67 | | | | | | | | | | | |
| | | 32.10 | | 12.50 | | | | | | | | 2.58 | 30.34 |
| 17.67 | | | | | | | | 23.10 | | | | | |
| | | 15.72 | | 46.30 | 1.40 | 19.52 | 37.20 | | 9.31 | | | | |
| | | | | | | 30.13 | 41.61 | | | | | | |
| 18.64 | | | | | | | | | | | | | |
| 28.50 | | | | | | | | | | | | | 8.39 |
| 26.17 | | | | | | | | | | | | | |
| 19.68 | | | | 17.18 | | 32.07 | | | | | | 43.52 | 1.04 |
| 14.90 | | | | | | | | | | | 15.23 | 2.66 | 19.23 |
| 42.00 | | | | | | | | | | | | | |
| 34.91 | | | | 12.04 | | | | | | | | | |
| 31.06 | | | | | | | 20.94 | | | | | | |
| 32.35 | 4.52 | | | | | | | | 17.91 | | 30.94 | | |
| | | 51.72 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 13.64 | | | | 17.56 | | | | | | | | | |
| | | 28.25 | | 2.73 | | | | | | | | | |
| 14.60 | 10.40 | | | | | | | | 15.56 | 2.60 | | | |
| | | | | | | | | | | 16.15 | 41.00 | 18.63 | |
| | | | | | | 7.50 | | | | | | | |
| | | | | | | 29.67 | | 16.76 | | | | | |
| | | | | | | | | | 3.43 | | | | |
| | | | | | | | | | 23.97 | 4.51 | | | |
| 293.41 | 14.92 | 153.46 | 20.29 | 88.02 | 1.40 | 118.89 | 89.94 | 39.86 | 70.08 | 23.26 | 88.16 | 67.39 | 87.21 |

SUMMARY OF APPENDIX C, SHOWING MILEAGES OF STATE

| ROUTE NO. | 17 | 18 | 19 | 20 | 21 | 22 south | 22 north | 22A | 22B | 22C | 23 |
|-------------------|-------|-------|-------|-------|-------|-------------|-------------|-------|-------|------|-------|
| Albany..... | | | | | | | | | | | |
| Allegany..... | | | | | | | | | | | |
| Broome..... | | | | | | | | | | | |
| Cattaraugus..... | 28.56 | | | 12.09 | | | | | | | |
| Cayuga..... | | | | | | | | | | | |
| Chautauqua..... | | 42.08 | | | | | | | | | |
| Chemung..... | | | | | | | | | | | |
| Chenango..... | | | | | | | | | | | |
| Clinton..... | | | | | | | 52.26 | | | | |
| Columbia..... | | | | | 8.26 | | | | | | |
| Cotland..... | | | | | | | | | | | |
| Delaware..... | | | | | | | | | | | |
| Dutchess..... | | | | | | | | | | | |
| Erie..... | 30.82 | 29.91 | 23.43 | | | | | | | | |
| Faxon..... | | | | | | | | | | | |
| Franklin..... | | | | | | | 66.26 | 17.34 | 17.67 | | |
| Fulton..... | | | | | | | | | | | |
| Genesee..... | | | 10.6 | | | | | | | | |
| Greene..... | | | | | | | | | | | |
| Hamilton..... | | | | | | | | | | | 38.54 |
| Herkimer..... | | | | | | | | | | | 20.57 |
| Jefferson..... | | | | | | | | | | | |
| Lewis..... | | | | | | | | | | | |
| Livingston..... | | | | | | | | | | | |
| Madison..... | | | | | | | | | | | |
| Monroe..... | | | | 10.27 | | | | | | | |
| Montgomery..... | | | | | | | | | | | |
| Nassau..... | | | | | | | | | | | |
| Niagara..... | | 26.46 | | | | | | | | | |
| Oneida..... | | | | | | | | | | | 31.14 |
| Onondaga..... | | | | 3.84 | | | | | | | |
| Ontario..... | | | | 1.10 | | | | | | | |
| Orange..... | | | | | | | | | | | |
| Orleans..... | | | | | | | | | | | |
| Oswego..... | | | | | | | | | | | |
| Otsego..... | | | | | | | | | | | 1.53 |
| Putnam..... | | | | | | | | | | | |
| Rensselaer..... | | | | | 28.09 | 28.89 | | | | | |
| Rockland..... | | | | | | | | | | | |
| St. Lawrence..... | | | | | | | | | | | |
| Saratoga..... | | | | | | | | | | | |
| Schenectady..... | | | | | | | | | | | |
| Schoharie..... | | | | | | | | | | | |
| Schoyler..... | | | | | | | | | | | |
| Seneca..... | | | | 1.90 | | | | | | | |
| Steuben..... | | | | | | | | | | | |
| Suffolk..... | | | | | | | | | | | |
| Sullivan..... | | | | | | | | | | | |
| Tioga..... | | | | | | | | | | | |
| Tompkins..... | | | | | | | | | | | |
| Ulster..... | | | | | | | | | | | |
| Warren..... | | | | | | | 8.94 | | | 4.80 | |
| Washington..... | | | | | | 70.65 | | | | | |
| Wayne..... | | | | 40.10 | | | | | | | |
| Westchester..... | | | | | | | | | | | |
| Wyoming..... | | | 16.10 | | | | | | | | |
| Yates..... | | | | | | | | | | | |
| Route totals..... | 59.38 | 98.45 | 50.15 | 69.30 | 36.35 | 99.54 | 127.46 | 17.34 | 17.67 | 4.80 | 91.78 |
| | | | | | | 227.00 | | | | | |

ROUTES, BY COUNTIES AND TOTALS — *Continued*

| 23A | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 30 Spur No. 1 | 30 Spur No. 2 | 30A | 31 | 32 |
|-------|-------|--------|-------|-------|-------|-------|--------|---------------------|---------------------|-------|-------|-------|
| | | 10.44 | | | | | | | | | | |
| | | | | | | | 7.96 | | | | | |
| | | | | | | | 36.13 | | | | | |
| | | 27.32 | | | | | | | | | | |
| | 25.41 | | | | | | 33.06 | | | | 41.51 | |
| | 31.57 | 45.06 | | | | | | | | | | |
| 14.85 | 21.45 | 30.42 | | 55.01 | | | 53.93 | | | 16.56 | | |
| | | | | 35.00 | | | | | | | | |
| | 2.43 | | | | | | 37.07 | | | | | |
| | | | | | | | 46.24 | 14.16 | | | | |
| | 41.97 | 4.59 | 8.60 | 39.75 | 12.70 | | | | | | | |
| | | | | | | | 29.86 | 3.70 | 21.27 | | | |
| | | | | | | | 48.40 | | | | | |
| | | | | | | | | | | | | |
| | | 52.22 | | | | | 67.75 | | | | | 60.80 |
| | | | | | | | | | | | | |
| | | 47.95 | | | | | | | | | | |
| | | | | | | | 86.14 | | | | | |
| 14.85 | 59.41 | 246.40 | 35.01 | 98.61 | 58.27 | 12.70 | 396.54 | 17.86 | 21.27 | 16.56 | 41.51 | 60.80 |
| | | | | | | | 435.67 | | | | | |

SUMMARY OF APPENDIX C, SHOWING MILEAGES OF STATE

| ROUTE NO. | 33 | 34 | 35 | 36 | 37 | 37A | 37B | 38 | 38A | 39 | 39A | 39B | 41 |
|-------------------|-------|-------|--------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|
| Albany..... | | | | | | | | | | | | | |
| Allegany..... | | | | | | | | | | | | | |
| Broome..... | | | | | | | | | | | | | |
| Cattaraugus..... | | | | | | | | | | | | | |
| Cayuga..... | | | | | | | | | | | | | |
| Chautauque..... | | | | | | | | | | | | | |
| Chemung..... | | | | | | | | | | | 7.86 | | |
| Chenango..... | | | | | | | | | | | | | |
| Clinton..... | | | | | | | | | | | | | |
| Columbia..... | | | | | | | | | | | | | |
| Cortland..... | | | | | | | | | | | | | |
| Delaware..... | | | | | | | | 5.10 | | | | | |
| Dutchess..... | | | | | | | | | | | | | |
| Erie..... | | | | | | | | | | | | | |
| Essex..... | | | | | | | | | | | | | |
| Franklin..... | | | | | | | | | | | | | |
| Fulton..... | | | | | 42.17 | | | | | | | | |
| Genesee..... | | | | | | | | | | | | | |
| Greene..... | | | | | | | | 2.00 | | | | | |
| Hamilton..... | | | | | | | | | | | | | |
| Herkimer..... | | | | | | | | | | | | | |
| Jefferson..... | | | | | | | | | | | | | |
| Lewis..... | | | | | | | | | | | | | |
| Livingston..... | | | | | | | | | | | | | |
| Madison..... | | | | | | | | | | | | | |
| Monroe..... | | | | | | | | | | | | | |
| Montgomery..... | | | | | | | | | | | | | |
| Nassau..... | | | 37.94 | | | | | | | | | | |
| Niagara..... | | | | | | | | | | | | | |
| Oneida..... | | | | | | | | | | | | | |
| Onondaga..... | 11.52 | 11.21 | | | | | | | | | | | |
| Ontario..... | | | | | | | | | | | | | |
| Orange..... | | | | | | | | | | | | 10.13 | |
| Orleans..... | | | | | | | | | | | | | |
| Oswego..... | 12.53 | 22.49 | | | | | | | | | | | |
| Otsego..... | | | | | | | | | | | | | |
| Putnam..... | | | | | | | | | | | | | |
| Rensselaer..... | | | | | | | | | | | | | |
| Rockland..... | | | | | | | | | | | | 18.59 | |
| St. Lawrence..... | | | | | | | | | | | | | |
| Saratoga..... | | | | | 18.80 | 16.38 | 3.88 | | | 1.77 | | | |
| Schenectady..... | | | | | | | | | | 6.35 | | | |
| Schoharie..... | | | | | | | | 29.13 | 11.79 | | | | |
| Schuyler..... | | | | | | | | | | | 2.43 | | |
| Seneca..... | | | | 31.36 | | | | | | | | | |
| Steuben..... | | | | | | | | | | | | | |
| Suffolk..... | | | 105.77 | | | | | | | | | | |
| Sullivan..... | | | | | | | | | | | | | |
| Tioga..... | | | | 18.47 | | | | | | | | | |
| Tompkins..... | | | | 23.03 | | | | | | | 10.78 | | |
| Ulster..... | | | | | | | | | | | | | |
| Warren..... | | | | | | | | | | | | | |
| Washington..... | | | | | | | | | | | | | |
| Wayne..... | | | | | | | | | | | | | |
| Westchester..... | | | | | | | | | | | | | 15.10 |
| Wyoming..... | | | | | | | | | | | | | |
| Yates..... | | | | | | | | | | | | | |
| Route totals... | 24.05 | 33.70 | 143.71 | 72.86 | 60.97 | 16.38 | 3.88 | 36.23 | 11.79 | 8.12 | 21.07 | 28.72 | 15.10 |

ROUTES, BY COUNTIES AND TOTALS — *Concluded*

| 42 | 43 | *43 | 45 | 46 | Total miles in counties | MILES COMPLETED | | | Miles under contract | Approximate mileage to be built | County |
|-------|-------|-------|-------|-------|----------------------------------|-----------------|--------|------------------------|----------------------------|--|----------|
| | | | | | | State | County | Town or corporation | | | |
| 7.18 | | | | | 67.29 | 21.75 | 24.51 | 0.60 | 3.93 | 16.50 | Albany |
| | | | | | 84.22 | 58.33 | | 1.23 | 9.07 | 15.69 | Alle. |
| | | | | | 105.13 | 42.74 | 25.65 | 6.21 | | 30.53 | Broome |
| | | | | | 85.15 | 42.85 | 3.09 | 2.85 | 20.76 | 15.60 | Catt. |
| | | | | | 60.82 | 21.22 | 14.05 | 3.20 | 8.28 | 14.07 | Cayuga |
| | | | | | 81.41 | 41.69 | 1.03 | 3.69 | | 35.00 | Chau. |
| | | | | | 65.34 | 26.39 | 19.85 | 1.40 | 7.86 | 9.84 | Chem. |
| | | | | | 90.81 | 46.68 | 9.30 | 0.75 | 1.89 | 32.19 | Chen. |
| | | | | | 88.39 | 59.16 | 14.11 | 2.12 | | 13.00 | Clinton |
| | | | | | 89.25 | 37.51 | 16.84 | | | 34.90 | Colum. |
| | | | | | 87.74 | 22.32 | 26.84 | 4.36 | | 34.22 | Cort. |
| | | | | | 114.18 | 91.80 | 8.26 | | | 14.10 | Del. |
| | | | | | 85.50 | 41.53 | 26.01 | 3.29 | 13.76 | 0.91 | Dutch. |
| | | | | | 102.80 | 36.69 | 41.26 | 0.21 | 5.19 | 19.45 | Erie |
| | | | | | 128.59 | 100.76 | 16.13 | | | 11.70 | Essex |
| | | | | | 74.57 | 24.98 | 4.51 | 15.43 | 12.35 | 17.30 | Frank. |
| | | | | | 67.58 | 10.29 | 23.21 | 7.62 | | 26.46 | Fulton |
| | | | | | 47.90 | 28.39 | 5.55 | 3.45 | | 10.21 | Genesee |
| | | | | | 85.64 | 37.74 | 13.04 | 0.81 | 8.72 | 25.33 | Greene |
| | | | | | 115.16 | 29.82 | 7.18 | | 10.19 | 77.97 | Hamil. |
| | | | | | 130.22 | 40.50 | 31.96 | 4.15 | 6.55 | 47.06 | Herk. |
| | | | | | 125.50 | 75.02 | 18.82 | 5.55 | 9.08 | 17.33 | Jeffers. |
| | | | | | 35.00 | 35.00 | | | | | Lewis |
| | | | | | 80.92 | 41.80 | 2.13 | | 7.69 | 29.30 | Living. |
| | 16.68 | | | | 64.15 | 40.25 | 5.84 | | 10.45 | 7.61 | Mad. |
| | | | | | 84.51 | 29.91 | 35.72 | 6.79 | 7.31 | 4.78 | Monroe |
| | | | | | 44.43 | 25.49 | 5.94 | 3.25 | | 9.75 | Mont. |
| | | | | | 37.94 | 7.33 | 6.16 | 20.08 | 1.57 | 2.80 | Nassau |
| | | | | | 86.86 | 64.81 | 4.90 | 11.11 | 0.61 | 5.43 | Niagara |
| | | | | | 175.70 | 101.08 | 50.13 | 11.73 | 7.09 | 5.67 | Oneida |
| | | | | | 78.57 | 51.31 | 7.70 | 7.85 | 5.12 | 6.59 | Onon. |
| | | | | | 86.82 | 39.42 | 27.82 | 2.80 | | 16.78 | Ontario |
| | | | | | 82.06 | 32.36 | 11.78 | 5.86 | 5.20 | 26.86 | Orange |
| | | | | | 54.82 | 29.91 | | | | 24.92 | Orleans |
| | | | | | 101.94 | 71.30 | 14.79 | 1.81 | | 14.04 | Oswego |
| | | | | | 88.32 | 46.86 | 26.82 | 2.39 | 10.40 | 11.85 | Otsego |
| | | | | | 27.75 | 27.02 | 0.73 | | | | Putnam |
| 27.90 | | | | | 98.11 | 39.88 | 32.20 | 3.68 | | 22.35 | Renss. |
| | | | | | 46.47 | 11.07 | 13.33 | 5.92 | | 16.15 | Rock. |
| | | | | | 128.05 | 108.21 | 0.60 | 0.20 | 9.12 | 9.92 | St. Law. |
| | | 15.23 | | | 108.28 | 38.88 | 13.41 | 3.53 | | 52.46 | Sara. |
| 7.33 | | | | | 44.78 | 18.36 | 12.91 | 5.64 | 5.62 | 2.25 | Schen. |
| | | | | | 74.55 | 43.50 | | 1.00 | 7.95 | 22.10 | Scho. |
| | | | 12.20 | 32.38 | 65.17 | 14.61 | | | 14.59 | 35.97 | Schuy. |
| | | | 11.01 | | 69.27 | 30.53 | 10.06 | | | 28.68 | Seneca |
| | | | | 6.96 | 161.79 | 118.20 | 5.78 | 3.71 | | 34.00 | Steuben |
| | | | | | 105.77 | 53.21 | 12.34 | | | 40.22 | Suffolk |
| | | | | | 89.12 | 46.64 | | | | 42.48 | Sullivan |
| | | | | | 56.57 | 41.13 | | 0.34 | | 15.10 | Tioga |
| | | | | 3.32 | 83.56 | 44.08 | 20.14 | 4.78 | | 14.61 | Tomp. |
| | | | | | 80.95 | 32.00 | 35.23 | 6.35 | | 7.37 | Ulster |
| | | | | | 61.69 | 29.44 | 26.35 | 1.10 | | 4.80 | Warren |
| | | | | | 70.65 | 30.16 | 15.26 | | | 25.23 | Wash. |
| | | | | | 79.67 | 33.60 | | 0.80 | 5.85 | 39.92 | Wayne |
| | | | | | 101.40 | 67.40 | 7.11 | 7.91 | 4.29 | 14.69 | West. |
| | | | | | 44.36 | 19.51 | | | | 24.85 | Wyom. |
| | | | | | 28.48 | 23.56 | | | 0.41 | 4.51 | Yates |
| 42.41 | 16.68 | 15.23 | 23.21 | 42.66 | 4,711.38 | 2,426.03 | 756.10 | 185.05 | 200.90 | 1,143.30 | Totals |

† County Highway.

* So in original law.

APPENDIX "D" SUMMARIES

Mileages of Highways Accepted During 1918

| Div. No. | CONTRACT YEAR | TYPE MILEAGES | | | | | Total mileage |
|-------------|------------------------|---------------|-----------|-------|---------|-------|------------------|
| | | W. B. | Bit. mac. | Brick | F. Con. | Misc. | |
| 1 | 1915..... | 3.17 | 6.32 | ..... | ..... | ..... | 9.49 |
| | 1916..... | 5.16 | 18.26 | 0.17 | 3.53 | ..... | 27.12 |
| | 1917..... | ..... | 5.26 | 1.03 | 0.82 | 2.74 | 9.85 |
| | Total, division 1..... | 8.33 | 29.84 | 1.20 | 4.35 | 2.74 | 46.46 |
| 2 | 1915..... | 9.55 | ..... | ..... | ..... | ..... | 9.55 |
| | 1916..... | 10.00 | 10.46 | 1.98 | ..... | ..... | 22.44 |
| | 1917..... | 2.93 | 5.95 | ..... | ..... | ..... | 8.88 |
| | Total, division 2..... | 22.48 | 16.41 | 1.98 | ..... | ..... | 40.87 |
| 3 | 1915..... | ..... | 5.50 | ..... | ..... | ..... | 5.50 |
| | 1917..... | ..... | 5.37 | ..... | 4.60 | ..... | 9.97 |
| | Total division 3..... | ..... | 10.87 | ..... | 4.60 | ..... | 15.47 |
| 4 | 1914..... | 12.53 | ..... | ..... | ..... | ..... | 12.53 |
| | 1915..... | 11.94 | ..... | ..... | ..... | ..... | 11.94 |
| | 1916..... | 8.62 | 1.10 | ..... | ..... | 0.71 | 10.43 |
| | 1917..... | 7.10 | ..... | ..... | 0.57 | 0.70 | 8.37 |
| | Total, division 4..... | 40.19 | 1.10 | ..... | 0.57 | 1.41 | 43.27 |
| 5 | 1914..... | ..... | 8.18 | ..... | ..... | ..... | 8.18 |
| | 1915..... | ..... | 0.43 | ..... | ..... | ..... | 0.43 |
| | 1916..... | ..... | ..... | ..... | ..... | 1.04 | 1.04 |
| | 1917..... | 2.01 | 4.85 | ..... | ..... | ..... | 6.86 |
| | Total, division 5..... | 2.01 | 13.46 | ..... | ..... | 1.04 | 16.51 |
| 6 | 1915..... | ..... | 4.70 | ..... | 0.16 | ..... | 4.86 |
| | 1916..... | 8.41 | ..... | ..... | ..... | ..... | 8.41 |
| | 1917..... | 1.88 | 5.63 | ..... | ..... | ..... | 7.51 |
| | Total, division 6..... | 10.29 | 10.33 | ..... | 0.16 | ..... | 20.78 |
| 7 | 1916..... | 13.40 | ..... | 1.08 | ..... | 0.24 | 14.72 |
| | Total, division 7..... | 13.40 | ..... | 1.08 | ..... | 0.24 | 14.72 |
| 8 | 1914..... | 6.34 | ..... | ..... | 4.75 | ..... | 11.09 |
| | 1915..... | 10.99 | 7.29 | ..... | ..... | ..... | 18.28 |
| | 1916..... | 7.23 | 1.47 | 1.19 | ..... | ..... | 9.89 |
| | Total, division 8..... | 24.56 | 8.76 | 1.19 | 4.75 | ..... | 39.26 |
| 9 | 1911..... | ..... | 10.30 | ..... | ..... | ..... | 10.30 |
| | 1915..... | ..... | ..... | 0.79 | ..... | ..... | 0.79 |
| | 1916..... | 8.84 | ..... | 0.34 | 5.34 | ..... | 14.52 |
| | 1917..... | 2.90 | ..... | ..... | ..... | ..... | 2.90 |
| | Total, division 9..... | 11.74 | 10.30 | 1.13 | 5.34 | ..... | 28.51 |
| | 1911..... | ..... | 10.30 | ..... | ..... | ..... | 10.30 |
| | 1914..... | 18.87 | 8.18 | ..... | 4.75 | ..... | 31.80 |
| | 1915..... | 35.65 | 24.24 | 0.79 | 0.16 | ..... | 60.84 |
| | 1916..... | 61.66 | 31.29 | 4.76 | 8.87 | 1.99 | 108.57 |
| | 1917..... | 16.82 | 27.06 | 1.08 | 5.99 | 3.44 | 54.34 |
| | Grand totals..... | 133.00 | 101.07 | 6.58 | 19.77 | 5.43 | 265.85 |

Mileages of Highways Under Contract December 31, 1918

| Div. No. | CONTRACT YEAR | TYPE MILEAGES | | | | | Total mileage |
|-------------------|------------------------|---------------|-----------|-------|---------|-------|------------------|
| | | W. B. | Bit. mac. | Brick | F. Con. | Misc. | |
| 1 | 1915..... | 10.94 | 25.80 | ..... | 10.50 | ..... | 47.24 |
| | 1916..... | 10.98 | 37.38 | ..... | 20.92 | ..... | 69.28 |
| | 1917..... | 1.32 | 12.54 | ..... | 11.14 | 2.99 | 27.99 |
| | Total, division 1..... | 23.24 | 75.72 | ..... | 42.56 | 2.99 | 144.51 |
| 2 | 1915..... | 5.13 | ..... | ..... | ..... | ..... | 5.13 |
| | 1916..... | 31.16 | 11.84 | ..... | 10.67 | ..... | 53.67 |
| | Total, division 2..... | 36.29 | 11.84 | ..... | 10.67 | ..... | 58.80 |
| 3 | 1915..... | ..... | 11.41 | ..... | ..... | ..... | 11.41 |
| | 1916..... | ..... | 55.91 | 0.67 | 6.94 | ..... | 63.52 |
| | 1917..... | ..... | 9.48 | ..... | 4.60 | ..... | 14.08 |
| | Total division 3..... | ..... | 76.80 | 0.67 | 11.54 | ..... | 89.06 |
| 4 | 1915..... | 36.45 | ..... | ..... | ..... | ..... | 36.45 |
| | 1916..... | 36.25 | ..... | ..... | ..... | ..... | 36.25 |
| | 1917..... | 5.65 | ..... | ..... | 0.71 | 1.04 | 7.40 |
| | Total, division 4..... | 78.35 | ..... | ..... | 0.71 | 1.04 | 80.10 |
| 5 | 1915..... | 0.59 | 13.79 | ..... | ..... | ..... | 14.38 |
| | 1916..... | 47.30 | 31.61 | ..... | ..... | 0.72 | 79.63 |
| | 1917..... | 7.12 | 12.28 | ..... | ..... | ..... | 19.40 |
| | Total, division 5..... | 55.01 | 57.68 | ..... | ..... | 0.72 | 113.41 |
| 6 | 1915..... | 3.51 | 11.80 | 1.07 | ..... | 0.74 | 17.12 |
| | 1916..... | 15.05 | 6.36 | 0.37 | 34.14 | ..... | 55.92 |
| | 1917..... | 7.85 | ..... | ..... | ..... | ..... | 7.85 |
| | Total, division 6..... | 26.41 | 18.16 | 1.44 | 34.14 | 0.74 | 80.89 |
| 7 | 1915..... | 30.62 | ..... | 0.50 | ..... | 1.03 | 32.15 |
| | 1916..... | 49.48 | ..... | ..... | 2.59 | ..... | 52.07 |
| | 1917..... | 3.28 | ..... | ..... | 1.28 | ..... | 4.56 |
| | Total, division 7..... | 83.38 | ..... | 0.50 | 3.87 | 1.03 | 88.78 |
| 8 | 1914..... | ..... | ..... | ..... | ..... | 7.85 | 7.85 |
| | 1915..... | 15.01 | ..... | ..... | ..... | ..... | 15.01 |
| | 1916..... | 46.32 | 10.96 | 0.16 | ..... | ..... | 57.44 |
| | Total, division 8..... | 61.33 | 10.96 | 0.16 | ..... | 7.85 | 80.30 |
| 9 | 1915..... | 14.33 | ..... | 4.98 | 17.30 | ..... | 36.61 |
| | 1916..... | 7.85 | ..... | 4.27 | 39.42 | ..... | 51.54 |
| | 1917..... | 8.65 | ..... | ..... | 9.84 | ..... | 18.49 |
| | 1918..... | ..... | 0.05 | ..... | 0.56 | ..... | 0.61 |
| | Total, division 9..... | 30.83 | 0.05 | 9.25 | 67.12 | ..... | 107.25 |
| | 1914..... | ..... | ..... | ..... | ..... | 7.85 | 7.85 |
| | 1915..... | 116.68 | 62.80 | 6.55 | 27.80 | 1.77 | 215.50 |
| | 1916..... | 244.39 | 154.00 | 5.47 | 114.68 | 0.72 | 519.32 |
| | 1917..... | 33.87 | 34.30 | ..... | 27.57 | 4.03 | 99.77 |
| | 1918..... | ..... | 0.05 | ..... | 0.56 | ..... | 0.61 |
| Grand totals..... | | 304.84 | 251.21 | 12.02 | 170.61 | 14.37 | 843.05 |

APPENDIX G

TABLE

SHOWING STATUS OF

REPAIR CONTRACTS

UPON WHICH WORK WAS PERFORMED DURING 1918

DECEMBER 31, 1918

[573]

STATUS OF REPAIR CONTRACTS AWARDED PREVIOUS TO 1918

| NAME OF CONTRACTOR | Date contract was awarded | Contract No. | Highway No. | Miles | County | Class of work | Engineering, etc. | Contract price | Amount of supplies material agreement | Total cost of work including engineering, etc. | Cost per mile | Percentage of completion |
|--|---------------------------|--------------|--|-------|---------------------|--|-------------------|----------------|---------------------------------------|--|---------------|--------------------------|
| Department Forces ¹ | 8/30/15 | 797 | 462 | 8.78 | Herkimer | Water'd mac., reurf. and widening | | \$13,533.96 | —3,293.56 | | | 61 |
| Jackson Bros. ² | 83/0/15 | 843 | 3223 | 8.54 | Sullivan | 2 1/2" bit. mac. resurfacing | \$1,480.96 | \$2,967.40 | —M. 373.5 | 41,074.83 | \$4,869.70 | 100 |
| F. H. Walls | 5/9/16 | 915 | 321, 323, 360, 919, 962, 963, 5017, 5067, 5069, 5127, 5290 | 42.53 | Schoharie and Wayne | Bit. mac. T. and L. H. O. reurf. tract | | | | | | |
| Gleason & Davitt | 6/8/16 | 951 | 5098 | 5.02 | Schoharie | Bit. mac. A. resurfacing | 641.44 | 15,393.30 | —5,578.04 | 11,459.70 | 269.45 | 100 |
| Department forces ³ | | 963 | 398, 568-A | 2.21 | Chemung | Bit. mac. A. reurf. and widening | 1,237.48 | 25,856.50 | —239.83 | 26,854.15 | 5,349.43 | 100 |
| Department forces ⁴ | | 989 | 76 | 1.57 | Delaware | Bit. mac. mix. method reurf. | 977.38 | 9,977.60 | +4,821.29 | 15,776.27 | 7,138.68 | 100 |
| Department forces ⁵ | | 970 | 462 | 9.91 | Herkimer | 2 1/2" bit. mac. reurf. | | 35,621.55 | | | | 84 |
| Nash & Griffin | 8/12/16 | 1003 | 377 | 0.42 | Cortland | Concrete pavement reurf. | | 49,086.96 | | | | 83 |
| John P. Dugan & Co., Inc. | 4/11/17 | 1007 | 304 | 5.64 | Montgomery | 3" bit. mac. pen. meth. reurf. | | 4,942.10 | | | | 0 |
| John P. Dugan & Co., Inc. ⁶ | 4/11/17 | 1009 | 110, 247 | 3.73 | Fulton | 3" bit. mac. pen. meth. reurf. | 1,672.83 | 37,076.98 | +0,913.02 | 45,062.83 | 8,096.25 | 100 |
| The Sewage disposal & Water Plant Co. | 4/12/17 | 1012 | 41 | 0.86 | Albany | Concrete pavement reurf. | | 25,908.20 | | | | 0 |
| J. J. Malby | 4/7/17 | 1015 | 788 | 2.73 | Schenectady | 2" bit. mac. pen. meth. reurf. | 1,179.84 | 13,889.00 | —651.45 | 14,417.39 | 16,764.41 | 100 |
| | | | | | | | 1,774.51 | 28,688.26 | —497.23 | 29,965.53 | 10,967.35 | 100 |

¹ Original contract let 7-14-15 to Daniel B. Donovan; was cancelled and relet 10-28-16 to Phelan & Sullivan whose contract was also cancelled.

² Contract awarded to George Mead and assigned to Jackson Bros.

³ Contract let 7-14-16 to Franklin Co. and cancelled.

⁴ Contract let 8-10-16 to Federal Pavement Corporation and cancelled.

⁵ Contract let 8-20-16 to Phelan & Sullivan and cancelled.

⁶ Contract cancelled.

STATUS OF REPAIR CONTRACTS AWARDED PREVIOUS TO 1918—Continued

| NAME OF CONTRACTOR | Date contract was awarded | Contract No. | Highway No. | Miles | County | Class of work | Engi- neering, etc. | Contract price | Amount of supple- mental agreement | Total cost of work including engineer- ing, Etc. | Cost per mile | Percentage of completion |
|--|---------------------------|---|---|-------|-------------------------------------|--|---------------------------|----------------|---|--|---------------------|-----------------------------|
| Department forces ¹ . | | | | | | | | | | | | |
| The Atlantic Refining Co. | 4/11/17 | 1016 | 119, Part 2 | 2.26 | Albany | Concrete pavement recons. | 2,259.75 | 35,660.92 | +2,541.45 | 40,463.12 | 17,908.59 | 100 |
| | 4/11/17 | 1022 | 72, 336, 338, 606, 999, 1212, 1233, 5213, 5215, 5256, 5471, 5474 | | | | | | | | | |
| Thomas D. Carter | 4/12/15 | 1023 | 664 | | | Bit. mat. L. H. O. surf. treatment. | 253.76 | 18,991.57 | +1,377.13 | 20,502.46 | 422.03 | 100 |
| Dale Engineering Co. ¹ | 4/11/17 | 1036 | 1070 | 0.42 | Chemango | 3" bit. mac. resurfacing. | | 20,123.00 | | | | 17 |
| McGreedy, McGuigan & Baum Cons. Co. | 4/11/17 | 1037 | 380, 381 | 7.11 | Onondaga | 2" Amleste resurfacing. | | 4,171.50 | | | | 0 |
| Greece Construction Co. | 5/29/15 | 1044 | 390 | 2.80 | Cortland | 21" bit. mac. pen. meth. res. | 693.13 | 40,893.00 | -3,239.92 | 15,753.21 | 5,529.15 | 60 |
| Richard Hopkins | 7/11/17 | 1045 | 5205 | 3.12 | Orleans | 31" Waterbound resurf. | 866.59 | 15,300.00 | | 37,585.22 | 12,040.54 | 100 |
| Lane Construction Corp. | 7/11/17 | 1046 | 744 | 3.77 | Saratoga | Bit. mac. pen. meth. res. | | 37,860.00 | -1,165.37 | | | 100 |
| | | | | | and 3" bit. mac. pen. meth. res. | | | | | | | |
| Spellman-Oliver Co. | 5/3/15 | 1047 | 533 | 4.34 | Chemango | 9" bit. mac. pen. meth. res. | 1,015.00 | 29,983.95 | +6,168.57 | 37,047.52 | 9,826.92 | 100 |
| Hollman Bros. | 4/12/17 | 1057 | 5208 | 1.48 | Schuyler | 31" bit. mac. pen. meth. res. | 803.71 | 25,195.00 | +512.32 | 26,511.03 | 6,108.53 | 100 |
| Dana W. Robbins, Inc. | 4/14/17 | 1059 | 102, 316, 708, 784 | 4.92 | Onondaga | Bit. mat. A. heavy surf. treatment. | 960.81 | 10,340.91 | | | | 0 |
| Department forces ¹ . | | | | | | | | | | | | |
| | 1073 | 368, 369, 559, 839, 1157, 5521, 5558 | | 40.75 | Oneida | Bit. mat. T. C. A. surf. treat. | 455.10 | 19,911.50 | -2,587.60 | 18,284.71 | 3,716.40 | 100 |
| Hollman Bros. | 4/17/17 | 1083 | 29, 5289 | 2.02 | Chemung and Tioga | 21" bit. mac. pen. meth. res. | 559.06 | 15,703.95 | +1,714.54 | 17,873.59 | 438.82 | 100 |
| Warren Bros. ¹⁸ | 8/15/18 | 1085 | 74, 971 | 4.48 | Onondaga | 21" bit. mac. pen. meth. res. | | 13,985.53 | -766.93 | 13,687.66 | 6,761.22 | 100 |
| P. H. Murray ¹¹ | 7/11/17 | 1089 | 5576 | 4.60 | Onondaga | puddled bit. mac. resurf. | 591.05 | 40,883.95 | | | | 60 |
| Arthur F. McConville | 7/11/17 | 1090 | 238 | 3.00 | Ontario | 3" waterbound resurf. | | 40,896.25 | +1393.10 | 55,418.38 | 11,816.26 | 100 |
| Schunemann Const. Co. | 5/3/17 | 1093 | 155 | 3.02 | Orleans | Concrete pavement recons. | 1,484.16 | 29,202.00 | -40.38 | 61,244.89 | 16,968.51 | 77 |
| Nathan E. Young | 5/2/17 | 1095 | 420, 5215 | 3.36 | Orleans | 3" bit. mac. pen. meth. res. | 452.20 | 49,720.58 | +607.76 | 84,050.46 | 10,312.26 | 100 |
| Sherman Const. Co., Inc. | 5/2/17 | 1094 | 275, 420 | 1.01 | Bronx | Concrete pavement recons. | 338.99 | 32,970.50 | -56.32 | 15,112.13 | 10,962.50 | 100 |
| Bray Bros. | 5/2/17 | 1095 | 584, 752 | 3.76 | Cayuga | Concrete pavement recons. | 2,092.75 | 14,529.60 | +567.32 | 14,598.06 | 15,819.60 | 100 |
| C. E. Whitmore Co. | 5/2/17 | 1106 | 507 | 3.01 | Niagara | Concrete pavement recons. | 1,182.00 | 51,272.00 | +1,181.14 | 62,702.56 | 9,572.04 | 100 |
| Richard Hopkins | 5/2/17 | 1105 | 524, 525 | 6.56 | Erie | Bit. mac. pen. meth. res. | 1,876.30 | 60,065.60 | +219.48 | 63,160.87 | 15,367.92 | 100 |
| Harvey Miller | 5/2/17 | 1111 | 5508 | 3.91 | Greene | Concrete pavement recons. | | | | | | |

STATE OF NEW YORK

ANNUAL REPORT

OF

THE ADJUTANT GENERAL

For the year 1919

BRIGADIER GENERAL CHARLES W. BERRY
The Adjutant General



ALBANY
J. B. LYON COMPANY, PRINTERS
1921

ANNUAL REPORT OF THE ADJUTANT-GENERAL OF THE STATE

THE ADJUTANT-GENERAL'S OFFICE,

ALBANY, December 31, 1919

To the Governor:

SIR.—The following report is submitted in compliance with Section 17 of the Military Law.

GENERAL REMARKS

During the War with Germany, there was organized in the State in compliance with the provisions of the State Constitution and in order that troops might be available for the protection of life and property a military force known as the New York Guard. This force took the place of the New York National Guard which was drafted into the service of the United States on August 5, 1917, and thereby discharged from the militia. The New York Guard rendered valuable service in guarding public utilities, preserving order and in many other ways. Its members are entitled to the highest commendation for the patriotic manner in which they performed the important duties thrust upon them in time of war. It was necessarily composed, however, largely of men who were not eligible for active service. At the close of the war its membership consisted almost entirely of those not subject to the Selective Service Law — boys under the age of 18 years, men over the age of 45, men whose business or family relations were such that their presence was required in their home communities and men with physical defects which barred them from active service but which were not sufficient to prevent them from performing duty in the New York Guard at their home stations. Many of these men joined for the emergency only and were anxious to leave the service as soon as the armistice was signed. At no time was the New York Guard properly armed, uniformed and equipped.

On January 1, 1919, this force consisted of about twenty-two thousand officers and men. Some of the organizations were efficient but a majority of them, by reason of lack of proper equipment and training and because of the reasons stated above, could not be relied upon for active service. It is doubtful if 5000 men could have been placed on active duty in an emergency at that time.

It was apparent that when I assumed office on January 13th that prompt action should be taken to reorganize the New York Guard and to supply the reorganized force with arms, uniforms and equipment. Accordingly, on January 30th, a committee consisting of the following officers was appointed to make recommendations as to the military policy of the State, viz.: Commodore Robert P. Forshew, Naval Reserve; Brigadier-General George R. Dyer, 1st Brigade, N. Y. G.; Brigadier-General Cornelius Vanderbilt, Reserve; Brigadier-General Louis L. Babcock, 4th Brigade, N. Y. G.; Brigadier-General F. DeForest Kemp, 3d Brigade, N. Y. G.; Brigadier-General James Robb, 2d Brigade, N. Y. G.; Brigadier-General Daniel Appleton, Retired; Brigadier-General Louis W. Stotesbury, Reserve; Brigadier-General John Foote, Reserve; Brigadier-General James W. Lester, Reserve; Brigadier-General George C. Fox, Retired; Colonel Charles E. Walsh, 10th Infantry, N. Y. G.; Colonel Frederick W. Baldwin, 14th Infantry, N. Y. G.; Colonel Lyman P. Hubbell, 65th Infantry, N. Y. G.; Colonel George W. Burleigh, 9th Coast Defense Command, N. Y. G.; Colonel Walter J. Carlin, 2d Field Artillery, N. Y. G.; Lieutenant-Colonel Frank S. Sidway, 74th Infantry, N. Y. G.; Lieutenant-Colonel James Eben, 71st Infantry, N. Y. G.; Lieutenant-Colonel John McGaffin, Reserve; Major Alfred Wendt, Squadron A, Cavalry, N. Y. G.; Colonel William H. Chapin, National Guard Reserve; Colonel William W. Ladd, Retired; Major Daniel W. Burr, Retired; Major Frank J. Foley, National Guard Reserve; Commodore Louis M. Josephthal, Naval Militia.

In his message to the Legislature of 1919, the Governor had referred to the problem of the reinstatement of former members of the National Guard in the State Militia and had promised that he would make the subject the matter of a special message

later in its session. This question was also referred to the committee for recommendation as to the action to be taken to secure the return to the State service of the officers and men then in the service of the United States but who were expected shortly to be mustered out of such service.

The committee met at the 71st Regiment Armory, New York City, on February 4, 1919, and on February 8, 1919, made the following report to the Governor:

HEADQUARTERS, TENTH INFANTRY, NEW YORK GUARD, STATE
ARMORY.

195 WASHINGTON AVENUE.

ALBANY, N. Y., February 8, 1919.

To the Governor of the State of New York:

SIR.—The Committee appointed by you under S. O. 25, A. G. O. to make recommendations as to the military policy of the State, having carefully considered all the factors entering into the question, respectfully recommend:

1. That the Adjutant-General of the State immediately order each unit commander to take all necessary steps for the reorganization of his command so that it will attain the standard required by the National Defense Act of 1916.

2. That when a unit reports that it is reorganized according to the required standard, and ready for inspection, The Adjutant-General of the State shall immediately take such steps as may be necessary to obtain arms and equipment for that organization from the Federal Government.

3. That where a unit as a company, battalion, or regiment, occupies an armory the commanding officer thereof shall make such arrangements as may be possible to have units returning from Federal service march to their respective armories with such escort, ceremony and welcome as may be proper for the occasion, and that as soon as possible thereafter he confer with the officers of the returning organization and make such mutual arrangements as may be possible to secure their return to the military service.

4. That where two or more officers of the same grade are available for a single position, the matter shall be referred to the Division Commander who will adjust it, if possible, in such manner that the best interests of the State may be conserved and both officers be utilized in some capacity, an officer with actual combat experience in the late war having the preference. When such adjustment cannot be made satisfactorily in the manner indicated above, or should either party disagree with ruling of the Division Commander, the matter should be referred to the Governor for final decision.

Respectfully submitted:

C. VANDERBILT,
Chairman.

CHARLES E. WALSH,
Secretary.

This report having been approved by the Governor, on February 10th General Orders No. 5 was issued by this office directing each unit commander, under proper supervision and control

of his immediate superiors, to commence at once the reorganization of his command to conform to the requirements of the War Department for National Guard troops, as follows:

- (a) By eliminating men not physically qualified.
- (b) By eliminating men not within the prescribed age limits.
- (c) By eliminating men not willing or able to serve under the conditions required of National Guard troops.
- (d) By obtaining, by a vigorous and tactful local recruiting campaign, as members of his command, as many as possible of the former officers and men of the U. S. Army and also by obtaining as members of his command such citizens and former members of the State forces as meet the requirements prescribed by the War Department.

The order also instructed each officer in charge and control of an armory to make arrangements to have returning National Guard units from his locality march to the armory with such escort, ceremony and welcome as might be proper for the occasion and required such officer to confer with the commanding officers of the returning organizations and make such mutual arrangements as might be possible to secure the return to the military service of the State of officers and men of their commands. In cases where such arrangements would provide two officers of the same grade for one position, the matter was to be decided by the officer authorized by law to make nominations for the position concerned who would adjust the difficulty in such manner that the best interests of the State would be conserved and both officers utilized in some capacity. Other things being equal, the officer who had had actual combat experience in the World War was to be given the preference. Where an adjustment satisfactory to all concerned could not be reached, the matter was to be referred, through the channel, to the Governor for decision.

On February 12, 1919, the War Department was notified that the State was organizing a military force to conform in all respects to the requirements of the Federal Government for National Guard troops and was requested to designate the particular units to be maintained in the State in accordance with the provisions of Section 60 of the Act of Congress of June 3, 1916, and on February 17, 1920, a reply was received from the Militia Bureau, War Department, in which it was stated that a schedule of organizations was being prepared and that as soon as the

appropriation bill then before Congress became a law, units would be designated to be organized in the State. This letter from the Militia Bureau further stated that the Bureau would appreciate any suggestions which this office cared to make concerning the units which the State of New York contemplated organizing. In reply this office advised the Militia Bureau, under date of February 20, 1919, that the State desired to organize National Guard troops to represent the units from the State which lost their identity as New York National Guard organizations by draft into Federal service and would be willing to organize such additional units as might be required of it by the War Department — such as a Tank Corps, Aero Squadron, etc. The Militia Bureau was also informed that the State desired to obtain the services of the officers and men who had served in the Army of the United States during the War with Germany and that to induce these men to join the National Guard the Act of Congress of June 3, 1916, should be amended by changing the period of enlistment from six years (3 years in active service and 3 years in the reserve) to one year.

On April 12, 1919, the Militia Bureau advised this office that, in order to provide a limited number of units of National Guard available for the maintenance of law and order, there had been allotted to the State four regiments of infantry, one squadron (four troops) of cavalry, and one coast defense command of twelve companies. On July 3, 1919, authority was requested of the Militia Bureau to federalize the entire New York Guard which request was disapproved. On July 15, 1919, this office requested permission to organize one battalion of Signal Corps troops; one regiment of Engineers; one regiment and one squadron of Cavalry; one regiment of Field Artillery; thirty-six companies of Coast Artillery organized into three Coast Defense Commands; four Field Hospitals; four Ambulance Companies; fifteen regiments and one battalion of Infantry, and the necessary brigade and division headquarters, troops and trains. This request was refused on July 18, 1919, but meanwhile and on July 16, 1919, the Militia Bureau allotted to the State four regiments of Infantry; one squadron of Cavalry; one regiment of Field Artillery; one regiment of Engineers; one battalion of

Signal Corps; one Engineer Train; one Sanitary Train, complete, and twelve companies of Coast Artillery which allotment included the units previously authorized under date of April 12, 1919.

On November 29, 1919, the Militia Bureau authorized the organization of the following units which authorization included the units previously allotted to the State on April 12 and July 16, 1916, viz.:

- One Infantry Division, complete, consisting of
 - 1 Division Headquarters,
 - 2 Brigade Headquarters, Infantry,
 - 1 Brigade Headquarters, Field Artillery,
 - 4 Regiments, Infantry,
 - 3 Regiments, Field Artillery, (2-75 mm.; 1-155 mm.),
 - 1 Regiment, Engineers,
 - 1 Battalion, Signal Corps,
 - 3 Separate Battalions, Infantry (To be converted into Machine Gun Battalions or other tactical units when such organizations are authorized for the Regular Army),
 - 1 Regiment, Cavalry,
 - 1 Engineer Train (Headquarters and Supply Sections only),
 - 1 Train Headquarters and Military Police,
 - 1 Headquarters, Field Hospital Train,
 - 1 Headquarters, Ambulance Train,
 - 4 Field Hospitals (motorized),
 - 4 Ambulance Companies (motorized),
 - 1 Ammunition Train (motorized),
 - 1 Supply Train (motorized),
- also the following additional units:
 - 1 Brigade Headquarters, Infantry,
 - 2 Regiments, Infantry,
 - 1 Battalion, Engineers Mtd. (for Cavalry Division),
 - 1 Separate Battalion, Infantry, (To be converted into Machine Gun Battalion or other tactical unit when such organizations are authorized for the Regular Army),
 - 36 Companies, Coast Artillery.

The New York Guard on November 29, 1919, the date of the last allotment of troops to the State, consisted of:

- 1 Division Headquarters,
- 4 Brigade Headquarters, Infantry,
- 14 Regiments, Infantry,
- 3 Regiments, Field Artillery,
- 1 Regiment, Engineers,
- 1 Battalion, Signal Corps,
- 1 Regiment, Cavalry,
- 1 Engineer Train (Hdqrs. and Supply Sections only),
- 1 Sanitary Train Headquarters, (authorized Oct. 30, 1919),
- 4 Field Hospitals,
- 3 Ambulance Companies,
- 3 Coast Defense Commands, consisting of 36 companies,
- 1 Squadron, Cavalry,
- 1 Machine Gun Battalion.

The following organizations of the New York Guard are in excess of the allotment:

- 1 Brigade Headquarters, Infantry,
- 8 Regiments, Infantry,
- 1 Squadron, Cavalry,
- 1 Machine Gun Battalion.

The State has had allotted to it the following organizations which are not now in existence:

- 1 Brigade Headquarters, Field Artillery,
- 4 Separate Battalions, Infantry, (To be converted into Machine Gun Battalions or other tactical units when such organizations are authorized for the Regular Army),
- 1 Battalion, Engineers, Mtd. (for Cavalry Division),
- 1 Train Headquarters and Military Police,
- 1 Ambulance Company,
- 1 Ammunition Train (motorized),
- 1 Supply Train (motorized).

Unless additional troops are allotted to the State, it will be necessary to disband or reorganize the surplus organizations in order to meet the requirements of the War Department. This will mean the elimination, under their present designations at least, of organizations which have served the Country with honor in the Civil and Spanish-American Wars and in the War with Germany.

FEDERAL RECOGNITION

Under the allotments of troops to the State by the War Department, the following organizations have been designated for Federal recognition:

2d Infantry, Troy, N. Y., with units at Troy, Schenectady, Cohoes, Saranac Lake, Plattsburg, Gloversville, Amsterdam, Whitehall, Glens Falls, Saratoga and Hoosick Falls.

3d Infantry, Syracuse, N. Y., with units at Syracuse, Auburn, Rochester, Geneva, Clyde, Oswego, Canandaigua, Newark, Pulaski, Medina, Brockport, Ogdensburg, Massena, Malone, Chateaugay and Watertown.

7th Infantry, New York City.

23d Infantry, Brooklyn, N. Y.

68th Infantry, New York City.

71st Infantry, New York City.

1st Field Artillery, New York City, with batteries in New York City, Syracuse and Binghamton.

2d Field Artillery, Brooklyn, with batteries in New York City and Brooklyn.

65th Field Artillery, Buffalo, N. Y.

22d Engineers, New York City.

1st Battalion, Signal Corps, New York City, with units in New York City and Brooklyn.

1st Cavalry, Brooklyn, N. Y., with units in Brooklyn, Buffalo, Albany, Syracuse, West New Brighton, Utica, Rochester and Genesee.

New York Engineer Train, New York City.
 1st Field Hospital, New York City.
 2d Field Hospital, Albany, N. Y.
 3d Field Hospital, Brooklyn, N. Y.
 4th Field Hospital, Buffalo, N. Y.
 2d Ambulance Company, New York City.
 4th Ambulance Company, Syracuse, N. Y.
 8th Coast Defense Command (12 Companies), New York City.
 9th Coast Defense Command (12 Companies), New York City.
 13th Coast Defense Command (12 Companies), Brooklyn, N. Y.

When the first allotment of troops was made to the State, the period of enlistment in the National Guard was six years (3 years in active service and 3 years in the reserve). Many young men who would otherwise have joined the National Guard were unwilling to enlist for such a long period and accordingly on July 11, 1919, Congress amended the law so that now one-third of the enlistments are made for one year and the remaining two-thirds for three years without any service in the reserve. In addition the law now provides that persons who have served as enlisted men in the Army of the United States or in the Organized Militia subsequent to April 6, 1917, and who have been honorably discharged may within six months after such discharge or within six months of the passage of the law enlist for one year and may re-enlist for like periods.

The following units have been recognized by the War Department to date and it is expected that the remaining units designated for Federal recognition will be inspected and accepted by the War Department during the coming year:

| Designation. | Date of Recognition. |
|-------------------------------------|-------------------------|
| Troop C, 1st Cavalry | June 30, 1919. |
| Troop F, 1st Cavalry | June 28, 1919. |
| Troop H, 1st Cavalry | Nov. 24, 1919. |
| Troop I, 1st Cavalry | Dec. 19, 1919. |
| Battery C, 1st Field Artillery | Nov. 24, 1919. |
| Battery F, 1st Field Artillery | Nov. 7, 1919. |
| Battery A, 2d Field Artillery | Dec. 12, 1919. |
| 1st Co., 13th Coast Defense Command | Oct. 3, 1919. |
| 3d Co., 13th Coast Defense Command | Oct. 7, 1919. |
| 4th Co., 13th Coast Defense Command | Oct. 3, 1919. |
| 5th Co., 13th Coast Defense Command | Oct. 28, 1919. |
| 7th Co., 13th Coast Defense Command | June 27, 1919. |
| Machine Gun Co., 3d Infantry | Dec. 4, 1919. |
| Co. A, 3d Infantry | June 28, 1919. |
| Co. B, 3d Infantry | June 30, 1919. |
| Co. C, 3d Infantry | June 30, 1919. |
| Co. D, 3d Infantry | June 30, 1919. |
| Co. F, 3d Infantry | Nov. 25, 1919. |

| Designation. | Date of Recognition. |
|------------------------------------|-------------------------|
| Co. G, 3d Infantry | Aug. 21, 1919. |
| Co. H, 3d Infantry | Aug. 21, 1919. |
| Co. K, 3d Infantry | Dec. 22, 1919. |
| Co. M, 3d Infantry | Sept. 29, 1919. |
| Supply Co., 71st Infantry | Dec. 16, 1919. |
| Machine Gun Co., 71st Infantry | Aug. 7, 1919. |
| Co. A, 71st Infantry | June 30, 1919. |
| Co. B, 71st Infantry | Aug. 7, 1919. |
| Co. C, 71st Infantry | Oct. 24, 1919. |
| Co. D, 71st Infantry | June 30, 1919. |
| Co. E, 71st Infantry | June 30, 1919. |
| Co. F, 71st Infantry | Oct. 24, 1919. |
| Co. G, 71st Infantry | Oct. 15, 1919. |
| Co. H, 71st Infantry | Nov. 11, 1919. |
| Co. I, 71st Infantry | Nov. 28, 1919. |
| Co. K, 71st Infantry | Dec. 16, 1919. |
| Co. L, 71st Infantry | Dec. 26, 1919. |
| Sanitary Detachment, 71st Infantry | Dec. 5, 1919. |

The New York Guard did not conform in all respects as to organization, designation and location of units with the National Guard whose place it took. In some cases in order to distinguish them from their predecessors organizations were given new designations. The special arms of the service were attached to the brigades in whose territory they were located instead of being attached to Division Headquarters where they normally belonged. Companies had been organized in cities and villages where no armory facilities existed and where the population was not sufficient to maintain organizations in time of peace. These companies were formed for the emergency only and their members, in most cases, were anxious to disband as it was realized that the organizations could not be permanently maintained for the reasons stated above. The work of reorganization to conform to conditions which existed in the National Guard prior to the war and the work of disbandment of units formed for the emergency only is well under way. The following changes have been made during the past year:

(a) On February 3, 1919, Co. L, 23d Infantry, was transferred from Cedarhurst, N. Y., to Brooklyn.

(b) On May 22, 1919, Squadrons B, C, and D, Cavalry, N. Y. G., were reorganized and constituted a regiment of Cavalry, to be attached to Division Headquarters, and to be known and designated as the 1st Regiment, Cavalry, New York Guard.

The letter designation and location of the troops were announced as follows:

| Old Designation | Station | New Designation |
|--------------------------|--------------------|----------------------|
| Troop A, Squadron C..... | Brooklyn..... | Troop A, 1st Cavalry |
| Troop B, Squadron D..... | Albany..... | Troop B, 1st Cavalry |
| Troop C, Squadron C..... | Brooklyn..... | Troop C, 1st Cavalry |
| Troop D, Squadron B..... | Syracuse..... | Troop D, 1st Cavalry |
| Troop E, Squadron C..... | Brooklyn..... | Troop E, 1st Cavalry |
| Troop F, Squadron C..... | West Brighton.... | Troop F, 1st Cavalry |
| Troop G, Squadron D..... | Utica..... | Troop G, 1st Cavalry |
| Troop H, Squadron B..... | Rochester..... | Troop H, 1st Cavalry |
| Troop I, Squadron B..... | Buffalo..... | Troop I, 1st Cavalry |
| Troop K, Squadron C..... | Huntington..... | Troop K, 1st Cavalry |
| Troop B, Squadron C..... | Brooklyn..... | Troop L, 1st Cavalry |
| Troop M, Squadron B..... | Ashantee, Avon.... | Troop M, 1st Cavalry |

The Commanding Officer of the regiment was authorized to organize a headquarters troop, a supply troop, and a machine gun troop with station at Brooklyn, as a part of his command.

On June 13, 1919, the designation of Troop C was changed to Troop L and the designation of Troop L was changed to Troop C.

(c) On May 23, 1919, the Motor Machine Gun Battery, 1st Field Artillery, was detached from that regiment, reorganized and attached to Division Headquarters as the 1st Motor Machine Gun Company, New York Guard.

(d) On May 29, 1919, the station of the 11th Company, 13th Coast Artillery Corps was changed from Far Rockaway to Brooklyn.

(e) On June 28, 1919, in order to establish Battery A, 1st Field Artillery at Syracuse, the station formerly occupied by the National Guard battery bearing that designation, Battery A, located in New York City was disbanded and Co. S, 3d Infantry, located at Syracuse was detached from that regiment and reorganized as Battery A, 1st Field Artillery, N. Y. G.

(f) On June 28, 1919, Co. T, 3d Infantry, N. Y. G., Syracuse, was detached from that regiment and reorganized as the 4th Ambulance Co., N. Y. G., attached to Division Headquarters with station at Syracuse, that being the station of the former National Guard Ambulance Company bearing that designation.

(g) On June 30, 1919, the following organizations were

detached from the brigades indicated and attached to Division Headquarters:

Detached from 1st Brigade.

1st Battalion, Signal Corps;
Squadron A, Cavalry;
1st Field Artillery;
1st Field Hospital;
3d Ambulance Company.

Detached from 2d Brigade.

2d Field Artillery;
3d Field Hospital.

Detached from 3d Brigade.

2d Field Hospital.

Detached from 4th Brigade.

2d Ambulance Company.

(h) On July 14, 1919, Battery C, 1st Field Artillery, stationed at New York City, was disbanded and authority was granted to organize a new Battery C, at Binghamton, that being the station of the former National Guard battery bearing that designation.

(i) On July 31, 1919, the Supply Co., 10th Infantry, Oneida, N. Y., was redesignated as Co. H, 10th Infantry, N. Y. G., and on the same date authority was granted for the organization at Albany, N. Y., of a new Supply Company for the regiment.

(j) On August 1, 1919, the 1st, 2d, 3d, 65th and 74th Regiments of Infantry were reorganized and the 5th Battalion, Infantry, disbanded, as follows:

1ST INFANTRY

This regiment was reorganized by disbanding Co. F, Poughkeepsie, by redesignating certain companies, by authorizing the formation of a new company, and by transferring to it four companies of the 8th Coast Artillery Corps. The regiment as reorganized consisted of the following units, viz.:

| New Designation | Location | Old Designation |
|--------------------------|-------------------|------------------|
| Headquarters..... | Poughkeepsie..... | Headquarters |
| Headquarters Co..... | Poughkeepsie..... | Headquarters Co. |
| Supply Co..... | Kingston..... | Supply Co. |
| Machine Gun Co..... | Pine Plains..... | Company G |
| Sanitary Detachment..... | Middletown..... | ..... |

| New Designation. | Location. | Old Designation. |
|------------------|-------------------|------------------------|
| Company A..... | White Plains..... | 11th Co., 8th C. A. C. |
| Company B..... | White Plains..... | 12th Co., 8th C. A. C. |
| Company C..... | Mt. Vernon..... | (New) |
| Company D..... | Nyack..... | Company D |
| Company E..... | Newburgh..... | Machine Gun Co. |
| Company F..... | Warwick..... | Company K |
| Company G..... | Yonkers..... | 9th Co., 8th C. A. C. |
| Company H..... | Mt. Vernon..... | 10th Co., 8th C. A. C. |
| Company I..... | Middletown..... | Company I |
| Company K..... | Poughkeepsie..... | Company E |
| Company L..... | Newburgh..... | Company L |
| Company M..... | Kingston..... | Company M |

2D INFANTRY

This regiment was reorganized by authorizing the formation of a machine gun company at Schenectady, by reorganizing Company M at Hoosick Falls as a platoon of Company C, and by transferring to it Companies B, C and F, 5th Battalion, Infantry, the last two mentioned companies being transferred as platoons. The regiment as reorganized consisted of the following units, viz.:

| New Designation. | Location. | Old Designation. |
|--------------------------------|---------------------|-----------------------|
| Headquarters..... | Troy..... | Headquarters |
| Headquarters Co..... | Troy..... | Headquarters Co. |
| Supply Co..... | Troy..... | Supply Co. |
| Machine Gun Co..... | Schenectady..... | (New) |
| Sanitary Detachment..... | Troy..... | Sanitary Detachment |
| Company A..... | Troy..... | Company A |
| Company B..... | Cohoes..... | Company B |
| Company C..... | Troy..... | Company C |
| Hoosick Falls Platoon, Co. C.. | Hoosick Falls..... | Company M |
| Company D..... | Canajoharie..... | Company D |
| Company E..... | Schenectady..... | Company E |
| Company F..... | Schenectady..... | Company F |
| Company G..... | Gloversville..... | Company G |
| Company H..... | Amsterdam..... | Company H |
| Company I..... | Whitehall..... | Company I |
| Plattsburg Platoon, Co. I.... | Plattsburg..... | Co. F, 5th Battalion. |
| Company K..... | Glens Falls..... | Company K |
| Company L..... | Saratoga Springs... | Company L |
| Company M..... | Saratoga Lake..... | Co. B, 5th Battalion |
| Tupper Lake Platoon, Co. M.. | Tupper Lake..... | Co. C, 5th Battalion |

3D INFANTRY

This regiment was reorganized by reorganizing and redesignating Companies E, I, K and L; by disbanding Company F,

located at Sonyea, and the platoon of the Supply Company, located at Syracuse; by authorizing the formation of a machine gun company at Rochester, a supply company at Auburn, and a platoon at Pulaski; and by transferring to the regiment Company F, 74th Infantry, and Companies A, D, E and G, 5th Battalion, Infantry, the latter two companies being transferred as platoons. The regiment as reorganized consisted of the following units, viz.:

| New Designation. | Location. | Old Designation. |
|---------------------------------|-----------------------|---------------------------|
| Headquarters | Syracuse | Headquarters |
| Headquarters Co. | Syracuse | Headquarters Co. |
| Supply Co. | Auburn | (New) |
| Newark Platoon, Supply Co. . | Newark | Newark Platoon Supply Co. |
| Machine Gun Co. | Rochester | (New) |
| Sanitary Detachment. | Syracuse | Sanitary Detachment |
| Company A | Rochester | Company A |
| Company B | Geneva | Company B |
| Clyde Platoon, Co. B. | Clyde | Clyde Platoon, Co. B |
| Company C | Syracuse | Company C |
| Company D | Oswego | Company D |
| Company E | Canandaigua | Company K |
| East Bloomfield Platoon, Co. E | East Bloomfield. | Company L |
| Company F | Medina | Co. F, 74th Infantry |
| Brockport Platoon, Co. F. | Brockport | Company I |
| Company G | Rochester | Company G |
| Company H | Rochester | Company H |
| Williamson Platoon, Co. H. | Williamson | Williamson Platoon, Co. H |
| Company I | Ogdensburg | Co. D, 5th Battalion |
| Massena Platoon, Co. I. | Massena | Company G, 5th Battalion |
| Company K | Malone | Company A, 5th Battalion |
| Chateaugay Platoon, Co. K. . | Chateaugay | Company E, 5th Battalion |
| Company L | Watertown | Company E |
| Pulaski Platoon, Co. L. | Pulaski | (New) |
| Company M | Auburn | Company M |

65TH INFANTRY

This regiment was reorganized as field artillery and designated as the 65th Field Artillery, N. Y. G., Companies K and L were disbanded and Companies E, I and M were transferred to the 74th Infantry. The formation of a new battery to be known as

Battery F was authorized. The regiment as reorganized consisted of the following units, viz.:

| New Designation. (Field Artillery.) | Location. | Old Designation. (Infantry.) |
|--|---------------|---------------------------------|
| Headquarters Co. | Buffalo | Headquarters |
| Supply Co. | Buffalo | Supply Co. |
| Battery A. | Buffalo | Company F |
| Battery B. | Buffalo | Company B |
| Battery C. | Buffalo | Company G |
| Batt ry D. | Buffalo | Company D |
| Battery E. | Buffalo | Company A |
| Battery F. | Buffalo | (New) |

74TH INFANTRY

This regiment was reorganized by disbanding Companies N and T located at Albion and Buffalo, respectively; by redesignating Companies E, G, H, I, and M; by transferring to it Companies E, I, and M, 65th Infantry; by transferring Company F, Medina, to the 3d Infantry, and by authorizing the formation of a machine gun company at Buffalo. The regiment as reorganized consisted of the following units, viz.:

| New Designation. | Location. | Old Designation. |
|---------------------------|---------------------|----------------------|
| Headquarters | Buffalo | Headquarters |
| Headquarters Co. | Buffalo | Headquarters Co. |
| Supply Co. | Buffalo | Supply Co. |
| Machine Gun Co. | Buffalo | (New) |
| Sanitary Detachment | Buffalo | Sanitary Detachment |
| Company A. | Buffalo | Company A |
| Company B. | Buffalo | Company B |
| Company C. | Buffalo | Company C |
| Company D. | Buffalo | Company D |
| Company E. | Jamestown | Co. E, 65th Infantry |
| Company F. | Buffalo | Company E |
| Company G. | Buffalo | Company I |
| Company H. | Buffalo | Company M |
| Company I. | Niagara Falls | Company G |
| Company K. | Tonawanda | Company K |
| Company L. | Niagara Falls | Company L |
| Company M. | Niagara Falls | Company H |
| Company N. | Olean | Co. I, 65th Infantry |
| Company O. | East Aurora | Co. M, 65th Infantry |

5TH BATTALION, INFANTRY

All of the companies of this battalion having been transferred to the 2d and 3d Regiment of Infantry, as above set forth, it was declared disbanded and ordered mustered out.

(k) On August 7, 1919, the Coast Artillery troops were reorganized as a Coast Artillery Corps of 36 companies assigned to 3 Coast Defense Commands and attached to Division Headquarters. The 13th Coast Artillery Corps was redesignated as the 13th Coast Defense Command, the 12 companies thereof retaining their numerical designations from 1 to 12, inclusive. The 9th Coast Artillery Corps was redesignated as the 9th Coast Defense Command, the 12 companies being given numerical designations from 13 to 24, inclusive. The 8th Coast Artillery Corps was redesignated as the 8th Coast Defense Command, the 12 companies being given numerical designations from 25 to 36, inclusive. And the station of the four companies located at Mt. Vernon being changed to the Armory of the Command in New York city. The Headquarters, Supply and Machine Gun Companies of the 9th and 13th Coast Artillery Corps and the Headquarters and Supply Companies of the 8th Coast Artillery Corps were disbanded.

(l) On August 27, 1919, authority was granted for the organization of Co. C, 1st Battalion, Signal Corps, New York city, with a detached platoon at Buffalo, and on the same date authority was granted for the organization of the 4th Field Hospital with station at Buffalo.

(m) On September 9, 1919, the order reorganizing the 2d Infantry was amended so as to make the designation of the units of that command as follows:

| New Designation. | Location. | Old Designation. |
|------------------------------|------------------|----------------------|
| Headquarters..... | Troy..... | Headquarters |
| Headquarters Co..... | Troy..... | Headquarters Co. |
| Supply Co..... | Troy..... | Supply Co. |
| Machine Gun Co..... | Schenectady..... | (New) |
| Sanitary Detachment..... | Troy..... | Sanitary Detachment |
| Company A..... | Troy..... | Company A |
| Company B..... | Cohoes..... | Company B |
| Company C..... | Troy..... | Company C |
| Company D..... | Canajoharie..... | Company D |
| Tupper Lake Platoon, Co. D.. | Tupper Lake..... | Co. C, 5th Battalion |

| New Designation. | Location. | Old Designation. |
|-------------------------------|--------------------|----------------------|
| Company E..... | Schenectady..... | Company E |
| Company F..... | Schenectady..... | Company F |
| Company G..... | Gloversville..... | Company G |
| Company H..... | Amsterdam..... | Company H |
| Company I..... | Whitehall..... | Company I |
| Plattsburg Platoon, Co. I.... | Plattsburg..... | Co. F, 5th Battalion |
| Company K..... | Glens Falls..... | Company K |
| Company L..... | Saratoga..... | Company L |
| Saranac Lake Platoon, Co. L.. | Saranac Lake..... | Co. B, 5th Battalion |
| Company M..... | Hoosick Falls..... | Company M |

(n) On September 30, 1919, the 22d Regiment Engineers, was detached from the 1st Brigade and attached to Division Headquarters and on November 3, 1919, the Regiment was reorganized to conform to Tables of Organization, United States Army, as follows:

The Headquarters Company was reorganized and constituted the Regimental Headquarters Detachment, the band being continued as the Engineer Band, New York Guard, and attached to the 22d Engineers.

The Supply Company was detached from the Regiment and reorganized as the Division Engineer Train (Headquarters and Supply Sections only).

The Machine Gun Company was detached from the Regiment and reorganized as Company D, 1st Machine Gun Battalion, N. Y. G.

The lettered companies were consolidated as follows:

Companies A and G consolidated and designated Company A.

Companies B and H consolidated and designated Company B.

Companies C and I consolidated and designated Company C.

Companies D and K consolidated and designated Company D.

Companies E and L consolidated and designated Company E.

Companies F and M consolidated and designated Company F.

(o) On October 30, 1919, the organization of the following units was authorized:

Division Headquarters Troop, with station at armory, 1988 Broadway, New York City.

Sanitary Train Headquarters, with station at armory, 56 West 66th Street, New York City.

(p) On October 30, 1919, the station of the Machine Gun Troop, 1st Cavalry, was changed from Brooklyn to Buffalo and the station of Troop K, 1st Cavalry, was changed from Huntington, N. Y., to Brooklyn.

(q) On November 3, 1919, the 1st Machine Gun Battalion, N. Y. G., was organized consisting of two companies, the 1st Motor Machine Gun Company being designated as Company A of the Battalion and Company B being formed from the Machine Gun Company, 22d Engineers.

(r) On November 8, 1919, the 24th Company, 9th Coast Defense Command, was disbanded and the 12th Company, 13th Coast Defense Command, located at Far Rockaway, was assigned to the 9th Coast Defense Command and designated as the 24th Company thereof. The Commanding Officer, 13th Coast Defense Command, was authorized to organize a new 12th Company with station at Brooklyn.

(s) On November 21, 1919, the station of Troop M, 1st Cavalry, was changed from Ashantee, Avon, N. Y., to Geneseo.

(t) On December 16, 1919, Company M, 23d Infantry, located at Glen Cove was disbanded and the Commanding Officer of that Regiment was authorized to form a new Company M, with station at Brooklyn.

(u) On December 26, 1919, the following changes were made in the 2d Infantry, viz.: The Tupper Lake Platoon, Company D, was disbanded; Company D, located at Canajoharie, was reorganized as a platoon and designated as the Canajoharie Platoon, Company G, 2d Infantry; the Saranac Lake Platoon, Company L, was reorganized as a company and designated as Company D, 2d Infantry; and the Plattsburg Platoon, Company I, was detached from that Company and attached to Company D, 2d Infantry.

(v) In addition to the organizations mentioned above the following units were disbanded and ordered mustered out during the year on the dates indicated:

| Designation. | Station. | Date. |
|--|--------------------------|--------------|
| Honeoye Falls Platoon, Co. L, 3d Infantry..... | Honeoye Falls..... | Jan. 8, 1919 |
| Co. M, 4th Infantry..... | Groton..... | Feb. 3, 1919 |
| Co. O, 4th Infantry..... | Penn Yan..... | Feb. 3, 1919 |
| Friendship Platoon, Co. B, 4th Infantry. | Friendship..... | Feb. 3, 1919 |
| Trumansburg Platoon, Co. D, 4th Infantry..... | Trumansburg..... | Feb. 3, 1919 |
| Greene Platoon, Co. G, 4th Infantry.... | Greene..... | Feb. 3, 1919 |
| Bath Platoon, Co. K, 4th Infantry..... | Bath..... | Feb. 3, 1919 |
| Fonda Platoon, Co. G, 2nd Infantry.... | Fonda..... | Feb. 3, 1919 |
| 6th Battalion Infantry, with companies at South Hampton, Greenport, Islip, Patchogue, East Hampton, Sag Harbor and Quogue..... | East Hampton, L. I. | Mar. 7, 1919 |

| Designation. | Station. | Date. |
|--|------------------------------------|---------------|
| Co. A, 1st Infantry..... | Pearl River and Spring Valley..... | Mar. 7, 1919 |
| Co. B, 1st Infantry..... | Haverstraw..... | Mar. 7, 1919 |
| Co. C, 1st Infantry..... | Suffern and Sloatsburg.... | Mar. 7, 1919 |
| Co. H, 1st Infantry..... | Milton and Marlboro..... | Mar. 7, 1919 |
| Millerton Platoon, Co. G, 1st Infantry . | Millerton..... | Mar. 7, 1919 |
| Co. I, 2d Infantry..... | Fort Edward..... | Mar. 7, 1919 |
| Clifton Springs Platoon, Co. K, 3d Infantry..... | Clifton Springs..... | Mar. 22, 1919 |
| Co. H, 10th Infantry..... | Cobleskill..... | Mar. 22, 1919 |
| Co. N, 3d Infantry..... | Courtland..... | May 10, 1919 |
| Co. R, 3d Infantry..... | Pulaski..... | May 10, 1919 |
| Co. B, 4th Infantry..... | Wellsville..... | Sept. 2, 1919 |
| Co. D, 1st Infantry..... | Nyack..... | Oct. 24, 1919 |
| Co. A, 4th Infantry..... | Angelica..... | Dec. 13, 1919 |

RETURN OF MAJOR-GENERAL O'RYAN

Major-General John F. O'Ryan having returned from overseas and having been discharged as Commanding General, 27th Division, U. S. A., was, on March 31, 1919, placed in command of the New York Guard and directed to continue the reorganization of the State military forces as outlined in the report and recommendations of the committee on reorganization referred to in this report. Practically all of the officers who were on the Division Staff at the time that it entered Federal service resumed their former positions in the State service soon after General O'Ryan assumed command.

NATIONAL GUARD ENLISTMENTS

On December 29, 1919, New York Guard enlistments were discontinued and, under authority from the War Department, instructions were issued to make all future enlistments in the National Guard both for New York Guard and National Guard organizations. Men serving under National Guard enlistments in the New York Guard will be given credit in the National Guard for time so served as soon as the organizations of which they are members receive Federal recognition.

INSPECTION AND INVENTORY OF PROPERTY

In order to ascertain the condition of property in the possession of organizations and to secure an accurate inventory thereof,

the Commanding General, Division, was instructed on October 9, 1919, to detail the necessary officers for that purpose. Owing to the confusion incident to mobilization in 1916 and 1917 and the absence of accountable officers during the war, the property accounts of organizations are in a chaotic condition and this inventory and inspection will place this office in a position to adjust same. It is believed that a great deal of property now unaccounted for will be found in the possession of organizations. The work will not be completed for several months to come.

INSPECTION AND MUSTER .

An inspection and muster of organizations of the New York Guard, held under the supervision of the Commanding General, Division, to determine the general efficiency, fitness and availability of officers and enlisted men for service as National Guard has just been completed. Many of the organizations have made marked improvement during the year but, owing to lack of equipment and other conditions which have not been overcome, some of them cannot be considered as efficient. The improvement is especially noticeable in those organizations which officers and men who have had war experience have joined.

WORLD WAR RECORDS

New York has a record of each soldier from the State who served in the War of the Revolution, the War of 1812, the Mexican War, the Civil War and the Spanish-American War. It should have a record of each of its citizens who served in the War with Germany, and plans were made as soon as hostilities began to obtain such records. The War Department, however, shortly after troops began to be called to the Colors issued instructions that such records should not be furnished to the States after August 5, 1917. These instructions applied to Selective Service troops as well as to those of the National Guard.

New York acquiesced in this ruling of the War Department, but as soon as the armistice was signed this State as well as many others requested the Adjutant-General of the Army to furnish the records or to permit the State to make copies of same.

These requests were refused and on January 30, 1919, the Adjutant-General of the Army informed the Adjutant-General of Iowa that "The vast amount of labor that would necessarily be involved in any such attempt to respond to requests of this nature precludes this office from undertaking it. Data of any historical nature are now in course of compilation and will eventually be published, but it will never be found practicable to prepare and publish the military records of each and every individual who was in the United States Army during the period of hostilities."

Meanwhile, on January 14, 1919, a bill was introduced in Congress requiring the Adjutant-General of the Army and the Secretary of the Navy to furnish these records. This bill did not become a law, but the Adjutant-General of the Army having expressed a willingness to undertake the work should funds be made available therefor, Congress in July, 1919, appropriated \$3,500,000 for the purpose of furnishing to the Adjutant-Generals of the several States statements of service of all persons from those States who entered the military service during the War with Germany, and for the purpose of arranging and operating the Selective Service records which were then in dead storage at Washington. Congress will be asked to enact at its next session similar legislation with respect to the records of those who served in the Navy. The Commandant of the Marine Corps has agreed to furnish the records of those who served in that Corps within the next few months, and has stated that no legislation would be necessary.

The compilation of these records is a tremendous undertaking and it may be several years before the work is completed. Many of the States have already passed laws providing for publishing these records in book form for distribution to public libraries, veteran organizations and State officials, and the Legislature of this State will be requested to provide funds for like purpose as soon as the records are received.

WAR HISTORIES

Efforts were also made to obtain the history of each organization, composed in whole or in part of men from this State,

which served in the war. On August 11, 1919, the Historical Branch, War Plans Division, Washington, D. C., advised this office that brief histories of the divisions had been prepared but stated that it was not considered advisable to attempt to prepare histories of other organizations until the arrival of the archives from France and that the preparation of these histories after the archives arrived would be a slow matter on account of limited office force. A copy of the history of the 27th Division, U. S. A., was enclosed and is published herewith. No other histories have been received to date.

A BRIEF HISTORY OF THE TWENTY-SEVENTH DIVISION

(Prepared by the Historical Branch, War Plans Division, Washington, D. C.)

The Division was organized in compliance with War Department instructions at Camp Wadsworth, S. C., in September, 1917. The New York National Guard as its nucleus, the following units being used:

1st, 2d, 3d, 7th, 12th, 14th, 23d, 71st and 74th N. Y. Inf., Squadron A, 1st N. Y. Cavalry;
1st, 3d N. Y. Field Artillery;
22d N. Y. Engineers;
1st Bn. N. Y. Signal Corps;
N. Y. Ammunition Train;
N. Y. Supply Train;
N. Y. Sanitary Train;
N. Y. Headquarters and Military Police, 6th N. Y. Div. Hq. Troop.

The Division embarked for overseas at Newport News, Va., the first unit sailing on May 8th and the last arriving in France, July 7, 1918.

It was ordered to a training area and later entered the line with British units opposite Mt. Kemmel. On August 20th a move was made to the Dickebush Sector, Belgium, which was occupied next day. On August 31st the Division was a front-line division in the attack on Vierstaadt Ridge, the 30th U. S. Division on its left, 34th British Division on its right.

As a part of the 2d Corps (U. S.), 4th British Army, the Division was in action near Bony, September 24th to October 1st. On October 12th it again entered the line in the St. Sup-

piet Sector, crossing the Seille river in the attack on the Jone de Mer Ridge.

Major-General John O'Ryan, New York National Guard, commanded the Division from its organization until mustered out.

The Division insignia is a black circle with a red border in which are the letters NYD in monogram, surrounded by the seven stars of the constellation Orion.

The Division captured from the enemy the following: 2,358 prisoners and advanced 11 kilometers against resistance. During active operations it suffered the following losses: Killed, 1,791; wounded, 9,427; prisoners, 3 officers and 225 men.

One hundred and thirty-nine Distinguished Service Crosses have been awarded members of the Division.

The following organizations composed the Division:

- 105th, 106th, 107th, 108th Regts. Infantry;
- 104th, 105th, 106th Machine Gun Battalions;
- 104th, 105th, 106th Field Artillery Regts.;
- 102d Trench Mortar Battery;
- 102d Engineers;
- 102d Field Signal Battalion;
- 102d Headquarters Train and Military Police;
- 102d Ammunition Train;
- 102d Supply Train;
- 102d Sanitary Train, consisting of 105th, 106th, 107th, 108th, Amb. Cos.,
- and 105th, 106th, 107th, 108th Field Hospitals;
- 102d Engineer Train.

EXTRACTS FROM GENERAL PERSHING'S CABLED COMMUNIQUE RELATING TO THE TWENTY-SEVENTH DIVISION

May 17, 1917. Reference your cablegram 1,217 par. 1. It is understood that following divisions are assigned to Third Corps: 3d, 5th, 27th, 33d and 78th. Please repeat designation of other divisions.

Sept. 1, 1918. "Patrols along front of 27th Division active, capturing 1 officer and men. Our own and enemy artillery active."

Sept. 26, 1918. 27th Division reported at 9:00 o'clock evening Sept. 25th: "Have taken over forward sector from British Division."

Sept. 27, 1918. It was reported at 11:45 A. M. Sept. 27th, 107th Regiment of the 27th U. S. Division attacked with limited objectives this morning east of Bellicourt in order to straighten out the line, they reached all objectives.

Sept. 28, 1918. It was reported at 11:30 o'clock evening Sept. 27th: Attack today by 27th and 30th U. S. Divisions with limited objectives, West of Lecatelet successful. 27th Division line advanced 1,000 yards on front of 4,000 yards. 30th Division line advanced 200 yards on front of 1,500 yards. American hold Quennemont Farm, Gillemont Farm and the knoll, Southwest of Lecatelet. Enemy regained the knoll by a counterattack, but the position was recaptured by us. We made 200 prisoners on this front."

Sept. 29, 1918. 27th Division reported at 9 p. m., Sept. 28th. Enemy still hold portion of trench system captured by us yesterday. Prisoners now total 298 inclusive 8 officers. Our casualties 412.

Sept. 30, 1918. 27th and 30th U. S. Divisions are reported to have crossed the Canal Tunnel and to have taken many prisoners.

Sept. 29, 1918. It was reported at 8 o'clock evening Sept. 29th: "27th and 30th U. S. Division cooperating with British north of St. Quentin attacked at 6 o'clock morning, crossing Hindenburg 1st line and the St. Quentin canal, 27th Division captured Bony and Lecatelet; 30th Division captured Bellicourt and Nauroy. All immediate objectives reached by noon."

Oct. 13, 1918. 27th Division reported evening Oct. 12th: Enemy resistance increased in St. Benin St. Suoplet, sector.

Oct. 19, 1918. 27th Division reported evening Oct. 18th: "53d Brigade attacked in conjunction with the British this morning and advanced about 500 yards. Enemy counterattack at 1:00 p. m., afternoon stopped temporary further progress. Enemy's resistance has increased."

March 27, 1919. Battle Engagements of 27th Division. (1) Dickebush Lake and Scherpenberg sectors, Belgium, 9 July-30 Aug. 1918 organizations entitled to silver bands on their regimental color staffs: 105th Regt. Infantry, 106th Regt. Infantry, 107th Regt. Infantry, 108th Regt. Infantry, 102d Regt. Engineers, 104th Machine Gun Bn., 105th Machine Gun Bn., 106th Machine Gun Bn., 102d Field Signal Bn. (2) Ypres-Lys Offensive, Belgium 31 Aug.-2 Sept. 1918. Organizations entitled to silver band: Same as in (1). (3) Somme Offensive,

France, 24 Sept.-20 Oct. 1918. Organizations entitled to silver bands: Same as in (1). (4) Meuse-Argonne Offensive, France, 26 Sept.-11 Nov. 1918. Organizations entitled to silver bands: 104th Regt. Field Artillery, 105th Regt. Field Artillery, 106th Regt. Field Artillery.

COLORS AND STANDARDS

In the latter part of 1918 the War Department issued instructions to the effect that upon the disbanding of organizations which were originally National Guard or National Army organizations, their colors or standards and guidons were to be delivered into the custody of the States from which the majority of the men originally came at the time the organizations were formed, the United States, however, retaining title thereto. The Legislature at its next session will be requested to provide funds for furnishing a suitable flag room in the Capitol for the display of these colors and standards and for the display of the battle flags of previous wars. Under the instructions referred to above the following colors and standards have been received to date:

- 11th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 25th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 1 National Color, service.
- 29th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 501st Engineers, U. S. A.;
 - 2 Regimental Colors, Silk.
 - 1 National Color, Service.
- 303d Field Signal Battalion, U. S. A.;
 - 1 National Standard Silk.
 - 1 Battalion Standard, Silk.
 - 1 National Standard, Service.
- 106th Field Artillery, U. S. A.;
 - 1 National Standard, Silk.
 - 1 Regimental Standard, Silk.
 - 1 National Standard, Service.
- 304th Field Artillery, U. S. A.
 - 1 National Standard Silk.
 - 1 Regimental Standard, Silk.
 - 1 National Standard, Service.
- 305th Field Artillery, U. S. A.
 - 1 National Standard Silk.
 - 1 Regimental Standard, Silk.

- 309th Field Artillery, U. S. A.;
 - 1 National Standard, Silk.
 - 1 Regimental Standard, Silk.
 - 2 National Standards, Service.
- 58th Coast Artillery, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 2 National Colors, Service.
- 2d Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 4 National Colors, Service.
- 51st Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 53d Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 2d Anti-Aircraft Machine Gun Battalion, U. S. A.;
 - 1 National Standard, Service.
- 303d Ammunition Train, U. S. A.;
 - 6 Guidons, Service.
- 108th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 303d Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 306th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 2 National Colors, Service.
- 307th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 1 National Color, Service.
- 308th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 309th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 310th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 3 National Colors, Service.

SERVICE MEDALS

Mexican Border. Chapter 204 of the Laws of 1919 provides that the Adjutant-General of the State shall cause to be prepared and shall distribute a suitable service badge and ribbon to each officer and enlisted man of the National Guard of New York who served in the field for more than ten days under the orders of the Governor, dated June 19, 1916, directing the organizations of which they were members to be assembled preparatory

to their muster into the service of the United States for Mexican border duty and to each officer and enlisted man who resided in the State of New York at time of enlistment and served in the Army, Navy or Marine Corps of the United States on the Mexican Border or in Mexico between June 18, 1916, and April 5, 1917. If any such officer or enlisted man be deceased, the badge and ribbon to which he would be entitled shall be delivered to his proper legal representatives.

Under this law 50 designs were submitted to this office by artists from various sections of the country. The one submitted by the Bailey, Banks & Biddle Company of Philadelphia, Pa., was adopted. The obverse of the medal will bear a representation of the Aztec god of war, Huitzilopochtli, and on the reverse will appear the coat of arms of the State with the words "Mexican Border Service, 1916-1917. Presented by the State of New York." The colors of the ribbon will be red, blue, yellow, green (center), yellow, blue and red, in the order named.

Bids for making the medals have been opened and the contract will be let within the next few days.

About 25,000 soldiers are entitled to this medal.

World War. Chapter 122 of the Laws of 1919 appoints a board consisting of the Governor, Adjutant-General and Chief of the Bureau of War Records to design and purchase bronze medals of honor and to adopt a suitable service ribbon as a mark of distinction and honor for all citizens of this State who entered the service of the United States in the War with the German Empire and its allies. The law provides that the bronze medals shall be presented by the State to the persons mentioned above or to the family of such of them as shall have died after entering such service.

Over 100 designs were submitted for this medal, the board adopting the one submitted by Captain Charles J. Dieges, 27th Division, U. S. A., of the firm of Dieges & Clust, New York city. The face of the medal presents the figure of the typical American soldier. In the background is a figure representing Liberty and Humanity draped in an American flag. In the distance are shown battleships, destroyers and transports, representing the Navy. The words "World War" balance the design.

The reverse of the medal shows the official seal of the State in the upper center, relieved by a wreath of laurel and oak. Superimposed on this wreath are the names of the countries in which American soldiers fought. The reverse also bears the inscription, "For service, 1917-1919. Presented by the State of New York." The colors of the ribbon will be blue, white, blue (center), white and blue, in the order named.

Bids for making this medal will be advertised for within a short time. At least 500,000 persons are entitled to this medal.

HOME DEFENSE RESERVE

On April 25, 1917, the Governor authorized the organization of the Home Defense Corps under section 5-a of the Military Law. Later the designation was changed to the Home Defense Reserve of New York State. This organization was a local auxiliary police reserve under the control of the Governor as commander-in-chief and was intended solely as a local police guard. The units were not to be used outside of the county in which organized. Arms, uniforms and equipment were not issued to it by the State other than a few Ross rifles in 1918. The units were equipped and maintained either by voluntary contributions or under chapter 235 of the Laws of 1917, which authorized a county, city, town or village to provide arms, uniforms and equipment for military organizations raised within the municipality. Its members were enrolled for the period of the emergency and the Governor had authority to terminate the liability under the enrollment oath at any time. Soon after the armistice was signed these organizations began to be mustered out and at present very few of them are in existence. Chapter 212 of the Laws of 1919 prescribes that all property in the possession of such organizations provided by or purchased from funds appropriated by a county, city, town or village shall be disposed of upon disbandment in a manner to be prescribed by the governing board of the municipality which provided the property or appropriated the funds from which it was purchased and further prescribes that all other property and funds in the possession of said organizations shall be disposed of upon disbandment in such

manner as may be prescribed by a two-thirds vote of all of the members of the organization concerned in good standing at the time of disbandment. The following tabulation gives a list of Home Defense Reserve units and shows in most cases the date of disbandment and muster out.

HOME DEFENSE RESERVE UNITS

| Co. No. | Location | Muster-in | Disbandment and |
|----------|--------------------------|----------------|--------------------|
| | | | Muster-out |
| 75..... | Carmel..... | Oct. 12, 1917 | Jan. 30, 1919 |
| 76..... | Phillipstown..... | Sept. 7, 1917 | July 4, 1919 |
| 77..... | Ossining..... | ..... | ..... |
| 78..... | Yonkers..... | July 11, 1917 | ..... |
| 88..... | Baldwin..... | June 23, 1917 | May 28, 1919 |
| 89..... | Freeport..... | June 26, 1917 | July 17, 1919 |
| 90..... | Locust Valley..... | Mar. 17, 1918 | Feb. 24, 1919 |
| 91..... | Merrick..... | July 10, 1917 | Feb. 14, 1919 |
| 92..... | Port Washington..... | June 6, 1917 | April 10, 1919 |
| 93..... | Rockville Center..... | July 2, 1917 | Feb. 13, 1919 |
| 94..... | Valley Stream..... | July 16, 1917 | Feb. 24, 1919 |
| 95..... | Amityville..... | July 26, 1917 | Feb. 20, 1919 |
| 96..... | Bellport..... | ..... | ..... |
| 97..... | Cold Springs Harbor..... | July 19, 1917 | April 12, 1919 |
| 98..... | Smithtown Branch..... | Aug. 16, 1917 | April 15, 1919 |
| 99..... | Westhampton Beach..... | July 23, 1918 | Feb. 4, 1919 |
| 109..... | Ellenburg..... | ..... | Disbanded |
| 110..... | Chatham..... | May 13, 1917 | ..... |
| 111..... | Hillsdale..... | June 14, 1917 | Feb. 17, 1919 |
| 112..... | Delhi..... | Sept. 14, 1917 | May 1, 1919 |
| 113..... | Dover Plains..... | April 17, 1917 | Disbanded |
| 114..... | Hyde Park..... | June 4, 1917 | Feb. 1, 1919 |
| 115..... | Rhinebeck..... | ..... | Mar. 6, 1919 |
| 116..... | Stamford..... | April 21, 1917 | Jan. 30, 1919 |
| 117..... | Wappingers Falls..... | July —, 1917 | April 9, 1919 |
| 118..... | Bloomington..... | ..... | ..... |
| 119..... | Crown Point..... | Aug. 4, 1917 | Jan. 8, 1919 |
| 120..... | Port Henry..... | Aug. 1, 1917 | Feb. 10, 1919 |
| 121..... | Ticonderoga..... | ..... | Feb. 28, 1919 |
| 122..... | North Bangor..... | ..... | Disbanded. |
| 123..... | Catskill..... | May 29, 1917 | ..... |
| 124..... | Tannersville..... | ..... | Disbanded. |
| 125..... | Dolgeville..... | July —, 1917 | ..... |
| 126..... | Herkimer..... | June —, 1917 | Jan. 28, 1919 |
| 127..... | Poland..... | Aug. —, 1917 | Disbanded. |
| 128..... | Salisbury Center..... | July 10, 1917 | Mar. 10, 1919 |
| 129..... | Hamilton..... | July 9, 1917 | Jan. 27, 1919 |

| Co. No. | Location | Muster-in | Disbandment and |
|----------|-------------------------|----------------|--------------------|
| | | | Muster-out |
| 130..... | Fort Plain..... | | |
| 131..... | St. Johnsville..... | July 17, 1917 | April 8, 1919 |
| 132..... | Boonville..... | Sept. 18, 1917 | July 11, 1919 |
| 133..... | Camden..... | Nov. 18, 1917 | |
| 134..... | Chadwicks..... | | |
| 135..... | Clinton..... | | June 17, 1919 |
| 136..... | Oriskany Falls..... | Aug. 23, 1917 | May 31, 1919 |
| 137..... | Waterville..... | May 28, 1917 | May 30, 1919 |
| 138..... | Chester..... | June 27, 1917 | Mar. 11, 1919 |
| 139..... | Cornwall..... | July 27, 1917 | Aug. 15, 1919 |
| 140..... | Goshen..... | Aug. 14, 1917 | Feb. 4, 1919 |
| 141..... | Montgomery..... | Aug. 23, 1917 | Mar. 1, 1919 |
| 142..... | Tuxedo Park..... | June 25, 1917 | Feb. 8, 1919 |
| 143..... | Washingtonville..... | July 12, 1917 | Feb. 13, 1919 |
| 144..... | Castleton..... | Aug. 22, 1917 | July 28, 1919 |
| 145..... | Clifton..... | | Disbanded. |
| 146..... | Mechanicville..... | | Disbanded. |
| 147..... | Saratoga Springs..... | July 22, 1917 | Feb. 7, 1919 |
| 148..... | Callicoon..... | July 10, 1917 | June 10, 1919 |
| 149..... | Jeffersonville..... | May 27, 1918 | June 9, 1919 |
| 150..... | Liberty..... | Aug. 3, 1917 | Mar. 28, 1919 |
| 151..... | Livingston Manor..... | Aug. 4, 1917 | April 11, 1919 |
| 152..... | Monticello..... | May 29, 1917 | |
| 153..... | Roscoe..... | April 14, 1918 | April 3, 1919 |
| 154..... | Ellenville..... | Aug. 4, 1917 | Feb. 17, 1919 |
| 155..... | Saugerties..... | Aug. 8, 1917 | Feb. 6, 1919 |
| 156..... | Bolton Landing..... | May 15, 1918 | Feb. 12, 1919 |
| 157..... | Lake George..... | May 14, 1918 | |
| 158..... | Luzerne..... | July 16, 1918 | Mar. 7, 1919 |
| 159..... | Warrensburgh..... | July 15, 1917 | Feb. 17, 1919 |
| 160..... | Alfred..... | | Disbanded. |
| 170..... | Binghamton..... | Dec. 6, 1917 | Feb. 10, 1919 |
| 171..... | East Randolph..... | Aug. 8, 1917 | Jan. 30, 1919 |
| 172..... | Ellicottville..... | Aug. 10, 1917 | May 31, 1919 |
| 173..... | Randolph..... | Aug. 17, 1917 | Aug. 22, 1919 |
| 174..... | South Dayton..... | Aug. 3, 1917 | April 17, 1919 |
| 175..... | Auburn..... | April 10, 1919 | Jan. 25, 1919 |
| 176..... | Port Byron..... | July 18, 1917 | |
| 177..... | Falconer..... | | Disbanded. |
| 178..... | Fredonia (Pomfret)..... | July —, 1917 | Feb. 3, 1919 |
| 179..... | Elmira..... | July 2, 1917 | April 14, 1919 |
| 180..... | Norwich..... | Sept. 12, 1917 | Feb. 5, 1919 |
| 181..... | Courtland..... | Nov. 20, 1917 | Feb. 20, 1919 |
| 182..... | McGraw..... | June —, 1917 | Feb. 11, 1919 |
| 183..... | Buffalo..... | July 24, 1917 | Feb. 13, 1919 |
| 184..... | Buffalo..... | Aug. 28, 1917 | Feb. 13, 1919 |
| 185..... | Buffalo..... | Aug. 21, 1917 | Feb. 13, 1919 |

| Co. No. | Location | Disbandment and | |
|----------|--------------------------|--------------------|----------------|
| | | Muster-in | Muster-out |
| 186..... | Buffalo..... | Aug. 15, 1917 | Feb. 13, 1919 |
| 187..... | Buffalo..... | Aug. 20, 1917 | Jan. 26, 1919 |
| 188..... | Buffalo..... | June —, 1917 | Feb. 22, 1919 |
| 189..... | Buffalo..... | ———, 1917 | Feb. 11, 1919 |
| 190..... | Buffalo..... | ..... | Feb. 3, 1919 |
| 191..... | Buffalo..... | Aug. 13, 1917 | Feb. 14, 1919 |
| 192..... | Buffalo..... | Sept. 14, 1917 | Feb. 12, 1919 |
| 193..... | Buffalo..... | Aug. 31, 1917 | Feb. 13, 1919 |
| 194..... | Buffalo..... | Aug. 28, 1917 | Feb. 13, 1919 |
| 195..... | Kenmore..... | June 8, 1917 | Feb. 25, 1919 |
| 196..... | Tonawanda..... | Aug. 3, 1917 | Feb. 4, 1919 |
| 197..... | Depew..... | ..... | Feb. 18, 1919 |
| 197..... | Batavia..... | Sept. 11, 1917 | Mar. 3, 1919 |
| 198..... | Elba..... | June 18, 1918 | June 27, 1919 |
| 199..... | Stafford..... | Oct. 2, 1917 | Mar. 12, 1919 |
| 200..... | Caledonia..... | May 20, 1918 | ..... |
| 201..... | East Rochester..... | ..... | Disbanded. |
| 202..... | Rochester..... | ..... | Disbanded. |
| 203..... | Spencerport (Ogden)..... | Aug. 9, 1917 | Mar. 5, 1919 |
| 204..... | Lewiston..... | Sept. 1, 1917 | Jan. 18, 1919 |
| 205..... | Lockport..... | July 30, 1917 | Oct. 4, 1919 |
| 206..... | Lockport..... | July 30, 1917 | Jan. 13, 1919 |
| 207..... | Lockport..... | July 30, 1917 | Mar. 21, 1919 |
| 208..... | Lockport..... | July 30, 1917 | July 26, 1919 |
| 209..... | Lockport..... | ..... | ..... |
| 210..... | Newfane..... | June 28, 1917 | Jan. 13, 1919 |
| 211..... | Niagara Falls..... | June 7, 1917 | Jan. 11, 1919 |
| 212..... | North Tonawanda..... | ..... | Jan. 10, 1919 |
| 213..... | North Tonawanda..... | June 22, 1917 | Jan. 10, 1919 |
| 214..... | North Tonawanda..... | July 14, 1917 | ..... |
| 215..... | Sanborn, Pekin..... | July 17, 1917 | ..... |
| 216..... | Wilson..... | July 17, 1917 | Mar. 11, 1919 |
| 217..... | Bristol..... | ..... | ..... |
| 218..... | Clifton Springs..... | May 15, 1917 | ..... |
| 219..... | Fishers..... | June 18, 1917 | ..... |
| 220..... | Phelps..... | May 28, 1917 | April 21, 1919 |
| 221..... | Shortsville..... | Mar. 27, 1917 | Feb. 5, 1919 |
| 222..... | Victor..... | July 25, 1917 | Jan. 30, 1919 |
| 223..... | Holley..... | Oct. 22, 1917 | May 31, 1919 |
| 224..... | Kendell..... | April 7, 1917 | Jan. 27, 1919 |
| 225..... | Mexico..... | Aug. 10, 1917 | Feb. 7, 1919 |
| 226..... | Pulaaski..... | ..... | ..... |
| 227..... | Odessa..... | June 22, 1918 | May 31, 1919 |
| 228..... | Valois..... | June 25, 1917 | Mar. 11, 1919 |
| 229..... | Campbell..... | May —, 1917 | Dec. 13, 1918 |
| 230..... | Corning..... | July 3, 1917 | July 17, 1919 |
| 231..... | Candor..... | Feb. 15, 1917 | ..... |

| Co. No. | Location | Muster-in | Disbandment and |
|------------------|-------------------|---------------|--------------------|
| | | | Muster-out |
| 232..... | Lyons..... | | |
| 233..... | Arcade..... | July 31, 1917 | |
| 234..... | Attica..... | | |
| 235..... | Castile..... | | |
| 236..... | Perry..... | July 20, 1917 | May 23, 1919 |
| 237..... | Dundee..... | | |
| 238..... | La Salle..... | | July 28, 1919 |
| Elks..... | Stapleton..... | | Aug. 21, 1919 |
| Ambulance | | | |
| Corps..... | Poughkeepsie..... | June 10, 1918 | Feb. 20, 1919 |
| Ambulance | | | |
| Corps..... | Kingston..... | June 18, 1918 | May 8, 1919 |
| Ambulance | | | |
| Corps..... | Lewiston..... | | Jan. 18, 1919 |
| Ambulance | | | |
| Corps..... | Saranac Lake..... | | |
| Ambulance | | | |
| Corps..... | Geneva..... | | April 23, 1919 |

APPENDICES

Financial statement is transmitted herewith as appendix A; Statement of strength of the New York Guard on January 1, 1919, as appendix B; Statement of strength of the New York National Guard and New York Guard on December 31, 1919, as appendix C; Report of Brigadier-General F. DeForest Kemp, covering duty performed by the Provisional Brigade, N. Y. G., as appendix D; and Statement showing officers from this State who died in the Army and Marine Corps of the United States during the war with Germany, as Appendix G.

Respectfully,

C. W. BERRY,
The Adjutant-General.

APPENDIX A

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919

| EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919 | | | | | | | |
|---|---------------------------------------|-------------------------------------|---|-------------------------------|-----------------|--|-----------------------|
| FUNDS AVAILABLE | | | | | | | |
| Chapter number of appropriations | Appropriations available July 1, 1918 | Balance of appropriations 1917-1918 | Total appropriations available July 1, 1918 | Expenditures to June 30, 1919 | Balances lapsed | Total expenditures and lapses to June 30, 1919 | Balance June 30, 1919 |
| ADJUTANT GENERAL'S OFFICE — PERSONAL SERVICE: | | | | | | | |
| 151-1 | \$14,660 00 | \$708 34 | \$15,368 34 | \$13,536 04 | \$708 34 | \$14,244 38 | \$1,123 96 |
| 151-1 | 10,980 00 | 435 00 | 11,415 00 | 10,128 36 | 435 00 | 10,563 36 | 851 64 |
| 151-1 | 14,280 00 | 2,101 09 | 16,381 09 | 13,407 50 | 2,101 09 | 15,508 59 | 872 50 |
| 151-1 | 4,840 00 | 850 00 | 5,690 00 | 4,840 00 | 850 00 | 5,690 00 | 260 00 |
| 151-1 | 2,880 00 | ..... | 2,880 00 | 2,620 00 | ..... | 2,620 00 | 260 00 |
| 151-1 | 11,380 00 | ..... | 11,380 00 | 11,186 10 | ..... | 11,186 10 | 193 90 |
| 151-1 | 5,320 00 | ..... | 5,320 00 | 5,245 00 | ..... | 5,245 00 | 75 00 |
| ..... | ..... | 41 67 | 41 67 | ..... | 41 67 | 41 67 | ..... |
| ..... | ..... | 181 13 | 181 13 | ..... | 181 13 | 181 13 | ..... |
| 557 | 3,600 00 | ..... | 3,600 00 | 3,200 00 | ..... | 3,200 00 | 400 00 |
| 151-1 | 2,000 00 | ..... | 2,000 00 | 1,795 84 | ..... | 1,795 84 | 204 16 |
| ..... | \$69,940 00 | \$4,317 23 | \$74,257 23 | \$65,958 84 | \$4,317 23 | \$70,276 07 | \$3,981 16 |
| Total, personal service..... | | | | | | | |
| MAINTENANCE AND OPERATION: | | | | | | | |
| 151-1 | \$750 00 | \$5,412 50 | \$750 00 | \$39 27 | \$463 80 | \$39 27 | \$710 73 |
| 151-1 | 10,000 00 | 537 95 | 15,412 50 | 9,050 25 | 537 95 | 9,514 05 | 5,898 45 |
| 151-1 | 1,500 00 | 844 05 | 2,037 95 | ..... | 537 95 | 537 95 | 1,500 00 |
| 151-1 | 1,500 00 | 163 00 | 2,344 05 | 1,227 49 | 64 93 | 1,292 42 | 1,051 63 |
| 151-1 | 1,500 00 | 1,027 17 | 1,663 00 | 1,501 75 | 35 30 | 1,537 05 | 125 95 |
| 151-1 | 2,000 00 | 703 15 | 3,027 17 | 2,283 21 | 633 82 | 2,917 08 | 110 14 |
| 151-1 | 3,500 00 | 1,077 72 | 4,203 15 | 3,291 18 | 180 48 | 3,471 66 | 731 49 |
| 151-1 | 1,200 00 | ..... | 2,277 72 | 1,196 23 | 47 39 | 1,243 62 | 1,034 10 |
| 151-1 | 1,500 00 | ..... | 1,500 00 | 812 50 | ..... | 812 50 | 687 50 |
| ..... | \$23,450 00 | \$9,765 54 | \$33,215 54 | \$19,401 88 | \$1,963 67 | \$21,365 55 | \$11,849 99 |
| Total, maintenance and operation..... | | | | | | | |

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919 —
(Continued)

| | FUNDS AVAILABLE | | | | EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919 | | | |
|---|----------------------------------|---------------------------------------|-------------------------------------|---|--|-----------------|--|-----------------------|
| | Chapter number of appropriations | Appropriations available July 1, 1918 | Balance of 1917-1918 appropriations | Total appropriations available July 1, 1918 | Expenditures to June 30, 1919 | Balances lapsed | Total expenditures and lapses to June 30, 1919 | Balance June 30, 1919 |
| UNCLASSIFIED: | | | | | | | | |
| Inauguration of Gov. Whitman..... | 181-2 | ..... | \$48 60 | \$48 60 | ..... | \$48 60 | \$48 60 | \$12,286 73 |
| Inauguration of Gov. A. E. Smith..... | 177-2 | \$15,000 00 | ..... | 15,000 00 | \$2,713 27 | ..... | 2,713 27 | 25,000 00 |
| Preparation of World's War Records, N. Y. State Troops..... | 177-2 | 25,000 00 | ..... | 25,000 00 | ..... | ..... | ..... | 1,000 00 |
| Service Badges and Ribbons, Mexican Border Duty..... | 204 | 1,000 00 | ..... | 1,000 00 | ..... | ..... | ..... | \$38,286 73 |
| Total, unclassified..... | ..... | \$41,000 00 | \$48 60 | \$41,048 60 | \$2,713 27 | \$48 60 | \$2,761 87 | |
| STATE ARSENAL, N. Y. CITY — PERSONAL SERVICE: | | | | | | | | |
| General division, salaries, regular..... | 151-1 | \$11,100 00 | \$1,565 00 | \$12,665 00 | \$10,360 00 | \$1,565 00 | \$11,925 00 | \$740 00 |
| Operation, wages, regular..... | 151-1 | 4,480 00 | 230 00 | 4,710 00 | 4,480 00 | 230 00 | 4,710 00 | ..... |
| Stores, clerical, salaries, regular..... | 151-1 | 9,580 00 | 2,433 51 | 11,953 51 | 9,035 67 | 2,433 51 | 11,469 18 | 484 33 |
| Stores, physical, wages, regular..... | 151-1 | 11,600 00 | 613 39 | 12,213 39 | 10,762 78 | 613 39 | 11,376 17 | 837 22 |
| War record bureau..... | 151-1 | 1,200 00 | 83 34 | 1,283 34 | 1,200 00 | 83 34 | 1,283 34 | ..... |
| Salaries, temporary..... | ..... | ..... | 188 36 | 188 36 | ..... | 188 36 | 188 36 | ..... |
| Total, personal service..... | ..... | \$37,900 00 | \$5,113 60 | \$43,013 60 | \$35,838 45 | \$5,113 60 | \$40,952 05 | \$2,061 55 |
| MAINTENANCE AND OPERATION: | | | | | | | | |
| Fuel, light, power and water..... | 151-1 | \$1,800 00 | \$66 33 | \$1,866 33 | \$1,594 40 | \$53 61 | \$1,638 01 | \$328 32 |
| Printing..... | 151-1 | 500 00 | 42 05 | 542 05 | 440 80 | 35 05 | 475 85 | 66 20 |
| Advertising..... | 151-1 | 250 00 | 24 08 | 274 08 | 138 80 | 24 08 | 162 88 | 111 20 |
| Equipment..... | 151-1 | 2,050 00 | 1,452 14 | 3,502 14 | 1,715 20 | 604 63 | 2,379 83 | 1,122 31 |
| Supplies..... | 151-1 | 1,900 00 | 1,283 49 | 2,223 49 | 2,007 13 | 156 68 | 2,163 81 | 59 68 |

FINANCIAL STATEMENT

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| | | | | | | | | | | |
|--|-------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------|----------|
| Traveling expenses..... | 151-1 | 250 00 | 81 | 250 00 | 81 | 203 02 | 81 | 203 02 | 81 | 46 98 |
| Materials..... | 151-1 | 4,500 00 | 111 66 | 4,611 66 | 201 00 | 2,949 21 | 31 49 | 2,980 70 | 201 00 | 1,630 96 |
| Contingencies..... | 151-1 | 700 00 | 201 00 | 201 00 | 700 00 | 598 38 | 199 50 | 598 38 | 101 62 | 101 62 |
| General plant service..... | 151-1 | | | | | | | | | |
| Total, maintenance and operation..... | | \$11,950 00 | \$2,221 56 | \$14,171 56 | \$9,638 44 | \$1,105 85 | \$10,804 29 | \$3,367 27 | | |
| DIVISION HEADQUARTERS — PERSONAL SERVICE: | | | | | | | | | | |
| Salaries, regular..... | 644-2 | \$10,370 00 | \$34,914 14 | \$45,284 14 | \$7,222 64 | \$34,914 14 | \$42,136 78 | \$3,147 36 | | |
| MAINTENANCE AND OPERATION: | | | | | | | | | | |
| Printing..... | 644-2 | 625 00 | 2,493 94 | 3,118 94 | 92 00 | 2,493 94 | 2,585 94 | 533 00 | | |
| Equipment..... | 644-2 | 450 00 | 1,421 21 | 1,871 21 | 22 30 | 1,414 21 | 1,436 51 | 434 70 | | |
| Supplies..... | 644-2 | 525 00 | 1,602 92 | 2,127 92 | 67 07 | 1,599 42 | 1,607 09 | 460 83 | | |
| Traveling expenses..... | 644-2 | 1,375 00 | 5,172 74 | 6,547 74 | 547 37 | 4,864 20 | 5,211 57 | 1,336 17 | | |
| Communication..... | 644-2 | 925 00 | 2,364 77 | 3,289 77 | 284 78 | 2,364 77 | 2,649 55 | 1,040 22 | | |
| Total, division headquarters..... | | \$14,270 00 | \$47,909 72 | \$62,239 72 | \$8,236 76 | \$47,450 68 | \$55,687 44 | \$6,552 28 | | |
| NEW YORK GUARD — PERSONAL SERVICE: | | | | | | | | | | |
| Salaries, temporary..... | 151-1 | \$34,000 00 | \$25,693 76 | \$59,693 76 | \$15,920 04 | \$22,375 03 | \$38,195 07 | \$21,498 69 | | |
| Civilian stenographers..... | 151-1 | 1,000 00 | | 1,000 00 | 28 00 | | 28 00 | 972 00 | | |
| Rangekeepers..... | 151-1 | 3,400 00 | | 3,400 00 | 2,400 00 | | 2,400 00 | 1,000 00 | | |
| Total, personal service..... | | \$38,400 00 | \$25,693 76 | \$64,093 76 | \$18,248 04 | \$22,375 03 | \$40,623 07 | \$23,470 69 | | |
| MAINTENANCE AND OPERATION: | | | | | | | | | | |
| Equipment..... | 151-1 | \$45,000 00 | \$255,552 11 | \$330,552 11 | \$323,393 70 | \$459 92 | \$323,553 62 | \$6,698 49 | | |
| Supplies..... | 151-1 | 20,500 00 | 47,049 37 | 67,549 37 | 58,091 20 | 365 28 | 58,456 48 | 9,092 80 | | |
| Traveling expenses..... | 151-1 | 12,500 00 | 8,168 47 | 20,668 47 | 15,842 44 | 3,308 93 | 19,151 37 | 1,517 10 | | |
| Communication..... | 151-1 | 1,500 00 | | 1,500 00 | 1,281 04 | | 1,281 04 | 218 96 | | |
| Fixed charges and contributions: | | | | | | | | | | |
| Allowance to headquarters..... | 151-1 | 45,000 00 | 17,353 89 | 62,353 89 | 42,125 00 | 3,828 89 | 45,953 89 | 16,400 00 | | |
| Allowance to officers and organizations..... | 151-1 | 150,000 00 | 82,670 08 | 232,670 08 | 205,816 32 | 21,776 69 | 227,592 41 | 5,077 67 | | |
| Allowance for mounted drills..... | 151-1 | 53,500 00 | 47,625 00 | 101,125 00 | 41,750 00 | 46,375 00 | 58,625 00 | 12,500 00 | | |
| Prizes, small arms firing..... | 151-1 | 2,000 00 | 2,000 00 | 4,000 00 | 72 00 | 2,000 00 | 2,072 00 | 1,928 00 | | |
| Pensions and disability claims..... | 151-1 | 1,000 00 | 8,559 05 | 23,559 05 | 12,897 63 | 6,232 22 | 19,129 85 | 4,429 20 | | |
| Decorations, long and faithful service..... | 151-1 | 10,000 00 | | 10,000 00 | 2,168 50 | | 2,168 50 | 7,831 50 | | |
| General plant service..... | 151-1 | 1,500 00 | 816 80 | 2,316 80 | 1,801 98 | 2,05 | 1,823 03 | 493 77 | | |
| Contingencies..... | 151-1 | | 477 54 | 477 54 | 45 00 | 432 54 | 477 54 | | | |
| Total, maintenance and operation..... | | \$355,500 00 | \$530,273 31 | \$856,772 31 | \$705,284 81 | \$85,299 92 | \$790,554 73 | \$166,187 58 | | |

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919 —
(Continued)

| EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919 | | | | | | | | |
|---|---------------------------------------|-------------------------------------|---|-------------------------------|-----------------|--|-----------------------|--|
| FUNDS AVAILABLE | | | | | | | | |
| Chapter number of appropriations | Appropriations available July 1, 1918 | Balance of 1917-1918 appropriations | Total appropriations available July 1, 1918 | Expenditures to June 30, 1919 | Balances lapsed | Total expenditures and lapses to June 30, 1919 | Balance June 30, 1919 | |
| ACTIVE GUARD DUTY: | | | | | | | | |
| Pay of troops..... | 151-1 | \$425,000 00 | \$22,028 61 | \$447,028 61 | \$226,243 30 | ..... | \$220,785 31 | |
| GUARD DUTY: | | | | | | | | |
| Food..... | 151-1 | 225,000 00 | 34,838 50 | 259,838 50 | 117,309 14 | ..... | 142,529 36 | |
| Fuel, light, power and water..... | 151-1 | 4,000 00 | 5 06 | 4,005 06 | 3,084 29 | ..... | 920 77 | |
| Printing..... | 151-1 | 200 00 | 7 50 | 207 50 | 203 50 | ..... | 4 00 | |
| Equipment..... | 151-1 | 8,750 00 | 6,255 98 | 15,005 98 | 13,532 77 | ..... | 1,474 11 | |
| Supplies..... | 151-1 | 14,500 00 | 2,885 00 | 17,385 00 | 17,383 14 | ..... | 1 86 | |
| Hired horses and vehicles..... | 151-1 | 1,500 00 | 327 40 | 1,827 40 | 521 65 | ..... | 1,305 75 | |
| Traveling expenses..... | 151-1 | 15,000 00 | 2,369 97 | 17,369 97 | 15,430 42 | ..... | 1,939 55 | |
| Communication..... | 151-1 | 15,000 00 | 3,893 25 | 18,893 25 | 7,781 36 | ..... | 11,111 89 | |
| General plant service..... | 151-1 | 3,000 00 | 99 90 | 3,099 90 | 3,099 17 | ..... | 11,111 73 | |
| Rent..... | 151-1 | 2,400 00 | 651 75 | 3,051 75 | 808 16 | ..... | 2,243 59 | |
| Total, active guard duty..... | ..... | \$714,350 00 | \$73,393 82 | \$787,743 82 | \$405,396 90 | ..... | \$382,346 92 | |
| SMALL ARMS PRACTICE: | | | | | | | | |
| Pay of troops, etc..... | 151-1 | \$15,400 00 | ..... | \$15,400 00 | \$1,541 78 | ..... | \$13,858 22 | |
| MAINTENANCE AND OPERATION — SMALL ARMS PRACTICE: | | | | | | | | |
| Food..... | 151-1 | 4,400 00 | ..... | 4,400 00 | 135 34 | ..... | 4,264 66 | |
| Fuel, light, power and water..... | 151-1 | 100 00 | ..... | 100 00 | ..... | ..... | 100 00 | |
| Equipment..... | 151-1 | 500 00 | ..... | 500 00 | ..... | ..... | 500 00 | |
| Supplies..... | 151-1 | 1,000 00 | ..... | 1,000 00 | 227 03 | ..... | 772 97 | |
| Traveling expenses..... | 151-1 | 15,000 00 | ..... | 15,000 00 | 13,093 95 | ..... | 1,906 05 | |
| Communication..... | 151-1 | 300 00 | ..... | 300 00 | 40 00 | ..... | 260 00 | |
| General plant service..... | 151-1 | 1,000 00 | ..... | 1,000 00 | 41 00 | ..... | 959 00 | |
| Total, small arms practice..... | | \$37,700 00 | | \$37,700 00 | \$15,079 10 | | \$22,620 90 | |

FINANCIAL STATEMENT

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| | | | | | | | | | |
|--|-------|-------------|--------------|--|--|--------------|-------------|-------------|--------------|
| CAMP OF INSTRUCTION: | | | | | | | | | |
| Personal service, pay of officers and enlisted men..... | | | | | | | | | \$6,566 13 |
| INSTRUCTION: | | | | | | | | | |
| MAINTENANCE AND OPERATION — CAMP OF INSTRUCTION: | | | | | | | | | |
| Food..... | 151-1 | \$18,500 00 | | | | \$18,500 00 | \$11,933 87 | \$11,933 87 | |
| Fuel, light, power and water..... | 151-1 | 3,500 00 | | | | 3,500 00 | 2, 04 71 | 2,804 71 | 695 29 |
| Printing..... | 151-1 | 100 00 | | | | 100 00 | | | 100 00 |
| Equipment..... | 151-1 | 60 00 | | | | 60 00 | 45 25 | 45 25 | 4 76 |
| Supplies..... | 151-1 | 300 00 | | | | 300 00 | 278 37 | 278 37 | 21 63 |
| Traveling expenses..... | 151-1 | 1,000 00 | | | | 1,000 00 | 992 90 | 992 90 | 7 10 |
| Communication..... | 151-1 | 200 00 | | | | 200 00 | 999 04 | 999 04 | 96 |
| General plant service..... | 151-1 | 760 00 | | | | 760 00 | 43 63 | 43 63 | 166 37 |
| | | | | | | | 748 00 | 748 00 | 2 00 |
| Total, camp of instruction..... | | \$25,000 00 | | | | \$25,000 00 | \$17,445 77 | \$17,445 77 | \$7,554 23 |
| NAVAL MILITIA — HEADQUARTERS, NAVAL MILITIA: | | | | | | | | | |
| Salaries, regular..... | 151-1 | \$8,500 00 | | | | \$8,500 00 | \$229 00 | \$229 00 | \$8,271 00 |
| Salaries, temporary..... | 151-1 | 3,000 00 | | | | 3,000 00 | | | 3,000 00 |
| MAINTENANCE AND OPERATION: | | | | | | | | | |
| Fired charges and contributions: | | | | | | | | | |
| Allowance to headquarters..... | 151-1 | 1,200 00 | | | | 1,200 00 | 1,200 00 | 1,200 00 | |
| Total, naval militia..... | | \$12,700 00 | | | | \$12,700 00 | \$1,429 00 | \$1,429 00 | \$11,271 00 |
| MISCELLANEOUS: | | | | | | | | | |
| Underwear..... | 11 | | \$640 00 | | | \$640 00 | \$603 75 | \$603 75 | \$36 25 |
| State Defense Council, unexpended balance made available for Adjutant General, April 10, 1919..... | | | | | | | | | |
| Mobilisation, encampment and field exercises..... | | | 88,990 37 | | | 88,990 37 | 59,443 65 | 59,443 65 | 29,546 72 |
| Losses sustained by fire, second regiment..... | | | 58,274 31 | | | 58,274 31 | 8,423 57 | 8,423 57 | 49,850 74 |
| Insurrection ceremony of the President..... | | | 18,266 00 | | | 18,266 00 | 552 76 | 552 76 | 17,713 84 |
| National guard and naval militia, mobilisation..... | | | 237 13 | | | 237 13 | | 237 13 | |
| | | | 29,501 00 | | | 29,501 00 | 26,071 03 | 26,071 03 | 3,429 97 |
| Total, miscellaneous..... | | | \$195,909 41 | | | \$195,909 41 | \$95,094 76 | \$95,331 89 | \$100,577 52 |

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919 —
(Concluded)

RECAPITULATION

| | FUNDS AVAILABLE | | | | | EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919 | | | |
|---|---------------------------------------|-------------------------------------|---|-------------------------------|---------------------|--|-----------------------|--|--|
| | Appropriations available July 1, 1918 | Balance of appropriations 1917-1918 | Total appropriations available July 1, 1918 | Expenditures to June 30, 1919 | Balances lapse | Total expenditures and lapses to June 30, 1919 | Balance June 30, 1919 | | |
| TOTAL: | | | | | | | | | |
| Adjutant General's office, personal service..... | \$69,940 00 | \$4,317 23 | \$74,257 23 | \$65,058 84 | \$4,317 23 | \$70,276 07 | \$3,981 16 | | |
| State Arsenal, N. Y. city, personal service..... | 37,900 00 | 5,113 60 | 43,013 60 | 35,838 45 | 5,113 60 | 40,952 05 | 2,061 55 | | |
| Division headquarters, personal service..... | 10,370 00 | 34,014 14 | 44,384 14 | 35,222 44 | 34,914 14 | 42,138 73 | 2,270 36 | | |
| N. Y. Guard, personal service..... | 38,400 00 | 25,683 76 | 64,083 76 | 18,248 04 | 22,375 03 | 40,623 07 | 23,477 69 | | |
| N. Y. Guard, active guard duty..... | 425,000 00 | 22,028 61 | 447,028 61 | 226,243 30 | ..... | 226,243 30 | 220,785 31 | | |
| N. Y. Guard, small arms practice..... | 18,400 00 | ..... | 18,400 00 | 1,641 75 | ..... | 1,641 75 | 16,758 25 | | |
| N. Y. Guard, camp of instruction..... | 18,500 00 | ..... | 18,500 00 | 11,933 87 | ..... | 11,933 87 | 6,566 13 | | |
| Naval militia..... | 11,500 00 | ..... | 11,500 00 | 229 00 | ..... | 229 00 | 11,271 00 | | |
| Total, personal service..... | \$627,010 00 | \$92,067 34 | \$719,077 34 | \$367,215 92 | \$66,720 00 | \$433,935 92 | \$286,141 42 | | |
| TOTAL: | | | | | | | | | |
| Adjutant General's office, maintenance and operation..... | \$23,450 00 | \$9,765 54 | \$33,215 54 | \$19,401 88 | \$1,963 87 | \$21,365 55 | \$11,849 99 | | |
| Adjutant General's office, unclassified..... | 41,000 00 | 48 60 | 41,048 60 | 2,713 27 | 48 60 | 2,761 87 | \$6,286 73 | | |
| State Arsenal, N. Y. city, maintenance and operation..... | 11,950 00 | 2,221 56 | 14,171 56 | 9,638 44 | 1,165 85 | 10,804 29 | 3,367 27 | | |
| Division headquarters, maintenance and operation..... | 3,000 00 | 13,055 58 | 16,955 58 | 1,014 12 | 12,536 54 | 13,550 66 | 3,404 92 | | |
| N. Y. Guard, maintenance and operation..... | 356,500 00 | 500,272 31 | 856,772 31 | 705,254 81 | 85,299 92 | 790,554 73 | 66,187 56 | | |
| N. Y. Guard, active guard duty..... | 289,850 00 | 51,365 21 | 340,715 21 | 179,153 60 | ..... | 179,153 60 | 161,561 61 | | |
| N. Y. Guard, small arms practice..... | 22,800 00 | ..... | 22,800 00 | 13,537 32 | ..... | 13,537 32 | 8,762 68 | | |
| N. Y. Guard, camp of instruction..... | 6,500 00 | ..... | 6,500 00 | 5,511 90 | ..... | 5,511 90 | 988 10 | | |
| Naval militia..... | 1,200 00 | ..... | 1,200 00 | 1,200 00 | ..... | 1,200 00 | ..... |  |  |
| Miscellaneous..... | ..... | 195,909 41 | 195,909 41 | 95,094 76 | 237 13 | 95,331 89 | 100,577 52 | | |
| Total, other than personal service..... | \$756,150 00 | \$772,638 21 | \$1,528,788 21 | \$1,032,550 10 | \$101,251 71 | \$1,133,801 81 | \$394,986 40 | | |
| Grand total..... | \$1,383,160 00 | \$864,705 55 | \$2,247,865 55 | \$1,399,766 02 | \$167,971 71 | \$1,567,737 73 | \$680,127 82 | | |

UNITED STATES CASH PURCHASES

STATEMENT OF RECEIPTS BY THE ADJUTANT-GENERAL FROM OFFICERS AND ORGANIZATIONS FOR THE PURCHASE FROM THE WAR DEPARTMENT, STORES, SUPPLIES, ETC., IN ACCORDANCE WITH SECTION 17, ORGANIZED MILITIA REGULATIONS, AND DISBURSEMENTS AGAINST SAME TO JUNE 30, 1919

1918

June 30. Balance on hand..... \$1,060 10

Receipts

None.

————— \$1,060 10

Disbursements

None.

Balance, June 30, 1919..... \$1,060 10

STATE CASH PURCHASES

STATEMENT SHOWING RECEIPTS BY THE ADJUTANT-GENERAL AGAINST SALES FROM STOCK, NEW YORK ARSENAL, AND DISBURSEMENTS FOR STORES PROCURED TO JUNE 30, 1919

1918

June 30. Balance on hand..... \$2,435 96

1918

Receipts

Oct. 30. George H. Hobart..... 20 00

————— \$2,455 96

Disbursements

Jan. 28. Transferred to State Treasurer as provided by chapter 216, Laws of 1915.. 2,455 96

Balance, June 30, 1919..... —————

STATEMENT, SPANISH WAR REFUND
ALBANY TRUST COMPANY, ALBANY, N. Y.

| DATE | Item | Principal | Interest | Total |
|---------------|--------------------|-------------|------------|-------------|
| June 30, 1918 | Balance | \$25,113 71 | \$3,059 82 | \$28,173 53 |
| July 1, 1918 | Increment | | 425 60 | 425 60 |
| Jan. 1, 1919 | Increment | | 432 66 | 432 66 |
| | | \$25,113 71 | \$3,918 08 | \$29,031 79 |
| June 30, 1919 | Disbursement | 168 69 | 50 00 | 218 69 |
| June 30, 1919 | Balance | \$24,945 02 | \$3,868 08 | \$28,813 10 |

UNION TRUST COMPANY, ALBANY, N. Y.

| DATE | Item | Principal | Interest | Total |
|---------------|--------------------|-------------|------------|-------------|
| June 30, 1918 | Balance | \$21,350 46 | \$3,490 20 | \$24,840 66 |
| Oct. 30, 1918 | Increment | | 375 59 | 375 59 |
| Mar. 1, 1919 | Increment | | 373 44 | 373 44 |
| | | \$21,350 46 | \$4,239 23 | \$25,589 69 |
| | Disbursement | 158 47 | | 158 47 |
| June 30, 1919 | Balance | \$21,191 99 | \$4,239 23 | \$25,431 22 |

APPENDIX B

Strength of New York Guard January 1, 1919

1ST BRIGADE

| Organizations | Station | Strength |
|------------------------------------|---------------------|----------|
| 1st Battalion Signal Corps | New York City | 215 |
| Field staff and headquarters | " | 3 |
| Sanitary Detachment | " | 2 |
| Company A | " | 110 |
| " B | Brooklyn | 98 |
| <hr/> | | |
| 22d Regiment, Engineers | New York City | 984 |
| Field and staff | " | 11 |
| Headquarters Company | " | 47 |
| Supply Company | " | 8 |
| Sanitary Detachment | " | 12 |
| Machine Gun Company | " | 58 |
| Ordnance Department | " | 1 |
| Company A | " | 78 |
| " B | " | 81 |
| " C | " | 80 |
| " D | " | 81 |
| " E | " | 79 |
| " F | " | 51 |
| " G | " | 73 |
| " H | " | 85 |
| " I | " | 60 |
| " K | " | 61 |
| " L | " | 66 |
| " M | " | 52 |
| <hr/> | | |
| Squadron A, Cavalry | New York City | 219 |
| Headquarters Company | " | 10 |
| Troop A | " | 82 |
| " B | " | 59 |
| " C | " | 64 |
| " D | " | 39 |
| <hr/> | | |
| 1st Field Artillery | New York City | 767 |
| Field and staff | " | 9 |
| Headquarters Company | " | 83 |
| Supply Company | " | 45 |
| Sanitary Detachment | " | 15 |
| Motor Machine Gun Battery | " | 79 |
| Battery A | " | 68 |
| " B | " | 90 |
| " C | " | 59 |
| " D | " | 95 |
| " E | " | 69 |
| " F | " | 117 |

Strength of New York Guard January 1, 1919 — Continued

1ST BRIGADE — Continued

| Organizations | Station | Strength |
|--------------------------------|--------------------|----------|
| 8th Coast Artillery Corps..... | New York City..... | 1,064 |
| Field and staff..... | "..... | 13 |
| Headquarters Company..... | "..... | 18 |
| Supply Company..... | "..... | 8 |
| Sanitary Detachment..... | "..... | 22 |
| 1st Company..... | "..... | 61 |
| 2d "..... | "..... | 49 |
| 3d "..... | "..... | 53 |
| 4th "..... | "..... | 45 |
| 5th "..... | "..... | 33 |
| 6th "..... | "..... | 59 |
| 7th "..... | "..... | 57 |
| 8th "..... | "..... | 54 |
| 9th "..... | Yonkers..... | 74 |
| 10th "..... | Mt. Vernon..... | 65 |
| 11th "..... | White Plains..... | 62 |
| 12th "..... | "..... | 58 |
| 13th "..... | Mount Vernon..... | 61 |
| 14th "..... | "..... | 58 |
| 15th "..... | "..... | 67 |
| 16th "..... | "..... | 55 |
| | | <hr/> |
| 9th Coast Artillery Corps..... | New York City..... | 787 |
| Field and staff..... | "..... | 12 |
| Headquarters Company..... | "..... | 63 |
| Machine Gun Company..... | "..... | 55 |
| Supply Company..... | "..... | 9 |
| Sanitary Detachment..... | "..... | 11 |
| 1st Company..... | "..... | 47 |
| 2d "..... | "..... | 48 |
| 3d "..... | "..... | 60 |
| 4th "..... | "..... | 50 |
| 5th "..... | "..... | 48 |
| 6th "..... | "..... | 47 |
| 7th "..... | "..... | 55 |
| 8th "..... | "..... | 44 |
| 9th "..... | "..... | 55 |
| 10th "..... | "..... | 56 |
| 11th "..... | "..... | 62 |
| 12th "..... | "..... | 67 |
| | | <hr/> |
| 1st Field Hospital..... | New York City..... | 96 |
| | | <hr/> |
| 3d Ambulance Company..... | New York City..... | 27 |
| | | <hr/> |

Strength of New York Guard January 1, 1919 — Continued

1ST BRIGADE — *Continued*

| Organizations | Station | Strength |
|------------------------------|--------------------|----------|
| 7th Regiment, Infantry..... | New York City..... | 860 |
| Field and staff..... | "..... | 10 |
| Headquarters Company..... | "..... | 36 |
| Machine Gun Company..... | "..... | 60 |
| Supply Company..... | "..... | 6 |
| Sanitary Detachment..... | "..... | 12 |
| Company A..... | "..... | 53 |
| " B..... | "..... | 54 |
| " C..... | "..... | 75 |
| " D..... | "..... | 50 |
| " E..... | "..... | 57 |
| " F..... | "..... | 66 |
| " G..... | "..... | 85 |
| " H..... | "..... | 78 |
| " I..... | "..... | 51 |
| " K..... | "..... | 63 |
| " L..... | "..... | 65 |
| " M..... | "..... | 39 |
| 12th Regiment, Infantry..... | New York City..... | 882 |
| Field and staff..... | "..... | 10 |
| Headquarters Company..... | "..... | 45 |
| Machine Gun Company..... | "..... | 37 |
| Supply Company..... | "..... | 8 |
| Sanitary Detachment..... | "..... | 25 |
| Company A..... | "..... | 50 |
| " B..... | "..... | 56 |
| " C..... | "..... | 59 |
| " D..... | "..... | 75 |
| " E..... | "..... | 57 |
| " F..... | "..... | 65 |
| " G..... | "..... | 61 |
| " H..... | "..... | 74 |
| " I..... | "..... | 51 |
| " K..... | "..... | 62 |
| " L..... | "..... | 81 |
| " M..... | "..... | 82 |
| 15th Regiment, Infantry..... | New York City..... | 417 |
| Field and staff..... | "..... | 7 |
| Headquarters Company..... | "..... | 50 |
| Supply Company..... | "..... | 7 |
| Sanitary Detachment..... | "..... | 13 |
| Company A..... | "..... | 57 |
| " B..... | "..... | 38 |
| " C..... | "..... | 71 |

Strength of New York Guard January 1, 1919 — Continued**1ST BRIGADE — *Concluded***

| Organisations | Station | Strength |
|---|---------------------------|-----------------|
| 15th Regiment, Infantry — <i>Concluded</i> | | |
| Company D..... | New York City..... | 47 |
| " E..... | "..... | 51 |
| " F..... | "..... | 54 |
| Unassigned..... | "..... | 21 |
| <hr/> | | |
| 69th Regiment, Infantry..... | New York City..... | 922 |
| Field and staff..... | "..... | 11 |
| Headquarters Company..... | "..... | 36 |
| Machine Gun Company..... | "..... | 78 |
| Supply Company..... | "..... | 5 |
| Sanitary Detachment..... | "..... | 15 |
| Company A..... | "..... | 56 |
| " B..... | "..... | 91 |
| " C..... | "..... | 76 |
| " D..... | "..... | 71 |
| " E..... | "..... | 50 |
| " F..... | "..... | 61 |
| " G..... | "..... | 59 |
| " H..... | "..... | 61 |
| " I..... | Elmsford..... | 57 |
| " K..... | New York City..... | 65 |
| " L..... | "..... | 68 |
| " M..... | "..... | 63 |
| <hr/> | | |
| 71st Regiment, Infantry..... | New York City..... | 1,397 |
| Field and staff..... | "..... | 11 |
| Headquarters Company..... | "..... | 28 |
| Machine Gun Company..... | "..... | 91 |
| Supply Company..... | "..... | 5 |
| Sanitary Detachment..... | "..... | 16 |
| Company A..... | "..... | 147 |
| " B..... | "..... | 137 |
| " C..... | "..... | 115 |
| " D..... | "..... | 153 |
| " E..... | "..... | 97 |
| " F..... | "..... | 98 |
| " G..... | "..... | 79 |
| " H..... | "..... | 90 |
| " I..... | "..... | 61 |
| " K..... | "..... | 84 |
| " L..... | "..... | 113 |
| " M..... | "..... | 68 |
| <hr/> | | |
| Total 1st Brigade..... | | 8,777 |

Strength of New York Guard January 1, 1919 — Continued

2D BRIGADE

| Organisations | Station | Strength |
|---------------------------------|------------------------|----------|
| Squadron C, Cavalry..... | Brooklyn..... | 286 |
| Field and staff..... | "..... | 12 |
| Sanitary Detachment..... | "..... | 4 |
| Troop A..... | "..... | 43 |
| " B..... | "..... | 43 |
| " C..... | "..... | 41 |
| " E..... | "..... | 41 |
| " F..... | West New Brighton..... | 51 |
| " K..... | Huntington..... | 49 |
| | | <hr/> |
| 2d Field Artillery..... | Brooklyn..... | 420 |
| Field and staff..... | "..... | 2 |
| Headquarters Company..... | "..... | 18 |
| Supply Company..... | "..... | 1 |
| Sanitary Detachment..... | "..... | 5 |
| Battery A..... | "..... | 103 |
| " B..... | "..... | 71 |
| " C..... | "..... | 48 |
| " D..... | New York City..... | 62 |
| " E..... | "..... | 73 |
| " F..... | "..... | 64 |
| | | <hr/> |
| 13th Coast Artillery Corps..... | Brooklyn..... | 1,151 |
| Field staff..... | "..... | 11 |
| Headquarters Company..... | "..... | 34 |
| Machine Gun Company..... | "..... | 66 |
| Supply Company..... | "..... | 8 |
| Sanitary Detachment..... | "..... | 12 |
| 1st Company..... | "..... | 90 |
| 2d "..... | "..... | 74 |
| 3d "..... | "..... | 96 |
| 4th "..... | "..... | 99 |
| 5th "..... | "..... | 83 |
| 6th "..... | "..... | 99 |
| 7th "..... | "..... | 92 |
| 8th "..... | "..... | 82 |
| 9th "..... | "..... | 97 |
| 10th "..... | "..... | 92 |
| 11th "..... | Far Rockaway..... | 57 |
| 12th "..... | "..... | 62 |
| | | <hr/> |
| 3d Field Hospital..... | Brooklyn..... | 76 |
| | | <hr/> |
| 14th Regiment, Infantry..... | Brooklyn..... | 1,050 |
| Field and staff..... | "..... | 8 |
| Headquarters Company..... | "..... | 49 |
| Machine Gun Company..... | "..... | 66 |

Strength of New York Guard January 1, 1919 — Continued**2D BRIGADE — Continued**

| Organisations | Station | Strength |
|--|------------------|-----------------|
| 14th Regiment, Infantry — Concluded | | |
| Supply Company | Brooklyn | 4 |
| Sanitary Detachment | " | 11 |
| Company A | " | 68 |
| " B | " | 74 |
| " C | " | 76 |
| " D | " | 97 |
| " E | " | 66 |
| " F | " | 60 |
| " G | " | 106 |
| " H | " | 95 |
| " I | Flushing | 89 |
| " K | Inwood | 57 |
| " L | Brooklyn | 68 |
| " M | Hempstead | 59 |
| <hr/> | | |
| 23d Regiment, Infantry | Brooklyn | 1,053 |
| Field and staff | " | 10 |
| Headquarters Company | " | 50 |
| Machine Gun Company | " | 64 |
| Supply Company | " | 5 |
| Sanitary Detachment | " | 14 |
| Company A | " | 84 |
| " B | " | 107 |
| " C | " | 81 |
| " D | " | 83 |
| " E | " | 65 |
| " F | " | 75 |
| " G | " | 71 |
| " H | " | 75 |
| " I | " | 70 |
| " K | " | 64 |
| " L | Cedarhurst | 65 |
| " M | Glen Cove | 70 |
| <hr/> | | |
| 47th Regiment, Infantry | Brooklyn | 986 |
| Field and staff | " | 8 |
| Headquarters Company | " | 38 |
| Machine Gun Company | " | 68 |
| Supply Company | " | 7 |
| Sanitary Detachment | " | 13 |
| Company A | " | 114 |
| " B | " | 55 |
| " C | " | 66 |
| " D | " | 94 |
| " E | " | 83 |
| " F | " | 60 |

Strength of New York Guard January 1, 1919 — Continued**2D BRIGADE — *Concluded***

| Organisations | Station | Strength |
|---|-------------------|--------------|
| 47th Regiment, Infantry — <i>Concluded</i> | | |
| Company G..... | Brooklyn..... | 71 |
| “ H..... | “..... | 62 |
| “ I..... | “..... | 53 |
| “ K..... | “..... | 63 |
| “ L..... | “..... | 66 |
| “ M..... | “..... | 66 |
| <hr/> | | |
| 6th Battalion, Infantry..... | East Hampton..... | 415 |
| Field and staff..... | “ “..... | 6 |
| Company E..... | South “..... | 59 |
| “ F..... | Greenport..... | 58 |
| “ G..... | Islip..... | 51 |
| “ H..... | Patchogue..... | 55 |
| “ I..... | East Hampton..... | 56 |
| “ K..... | “ “..... | 56 |
| “ L..... | Sag Harbor..... | 60 |
| “ M..... | Quogue..... | 62 |
| <hr/> | | |
| Total 2d Brigade..... | | 5,437 |

3D BRIGADE

| | | |
|-----------------------------|-------------------------------------|-----|
| Squadron D, Cavalry..... | Albany..... | 94 |
| Field and staff..... | “..... | 1 |
| Troop B..... | “..... | 54 |
| “ G..... | Utica..... | 39 |
| <hr/> | | |
| 2d Field Hospital..... | Albany..... | 38 |
| <hr/> | | |
| 1st Regiment, Infantry..... | Newburgh..... | 952 |
| Field and staff..... | “..... | 12 |
| Machine Gun Company..... | “..... | 57 |
| Supply Company..... | Kingston..... | 3 |
| Sanitary Detachment..... | Newburgh..... | 3 |
| Company A..... | Pearl River and Spring Valley... .. | 112 |
| “ B..... | Haverstraw..... | 53 |
| “ C..... | Suffern and Sloatsburg..... | 65 |
| “ D..... | Nyack..... | 93 |
| “ E..... | Poughkeepsie..... | 60 |
| “ F..... | “..... | 98 |
| “ G..... | Pine Plains and Millerton..... | 100 |
| “ H..... | Milton and Marlboro..... | 52 |
| “ I..... | Middletown..... | 65 |
| “ K..... | Warwick..... | 64 |
| “ L..... | Newburgh..... | 57 |
| “ M..... | Kingston..... | 59 |

Strength of New York Guard January 1, 1919—Continued

3D BRIGADE—*Concluded*

| Organizations | Station | Strength |
|-------------------------|---------------|----------|
| 2d Regiment, Infantry | Troy | 771 |
| Field and staff | " | 14 |
| Supply Company | " | 7 |
| Sanitary Detachment | " | 5 |
| Company A | " | 47 |
| " B | Cohoes | 52 |
| " C | Troy | 56 |
| " D | Canajoharie | 73 |
| " E | Schenectady | 61 |
| " F | " | 97 |
| " G | Gloversville | 102 |
| " H | Amsterdam | 86 |
| " I | Whitehall | 107 |
| " K | Glens Falls | 66 |
| " L | Saratoga | 50 |
| " M | Hoosick Falls | 52 |
| 10th Regiment, Infantry | Albany | 1,147 |
| Field and staff | " | 6 |
| Headquarters Company | " | 5 |
| Machine Gun Company | Rome | 101 |
| Supply Company | Oneida | 127 |
| Sanitary Detachment | Albany | 17 |
| Company A | " | 62 |
| " B | " | 51 |
| " C | " | 66 |
| " D | " | 83 |
| " E | Catskill | 68 |
| " F | Hudson | 69 |
| " G | Oneonta | 123 |
| " H | Cobleskill | 61 |
| " I | Walton | 45 |
| " K | Utica | 91 |
| " L | " | 90 |
| " M | Mohawk | 79 |
| 5th Battalion, Infantry | Saranac Lake | 442 |
| Field and staff | " | 5 |
| Company A | Malone | 75 |
| " B | Saranac Lake | 80 |
| " C | Tupper Lake | 61 |
| " D | Ogdensburg | 64 |
| " E | Chateaugay | 44 |
| " F | Plattsburg | 69 |
| " G | Massena | 44 |
| Total 3d Brigade | | 3,444 |

Strength of New York Guard January 1, 1919 — Continued

4TH BRIGADE

| Organisations | Station | Strength |
|------------------------|---------------------------------|----------|
| Squadron B, Cavalry | Rochester | 168 |
| Field and staff | " | 10 |
| Sanitary Detachment | " | 2 |
| Troop D | Syracuse | 51 |
| " H | Rochester | 51 |
| " I | Buffalo | 54 |
| " M | Avon | |
| | | <hr/> |
| 2d Ambulance Company | Rochester | 45 |
| | | <hr/> |
| 3d Regiment, Infantry | Syracuse | 1,234 |
| Field and staff | " | 8 |
| Headquarters Company | " | 15 |
| Supply Company | " | 40 |
| Sanitary Detachment | " | 12 |
| Company A | Rochester | 64 |
| " B | Geneva and Clyde | 108 |
| " C | Syracuse | 41 |
| " D | Oswego | 38 |
| " E | Watertown | 45 |
| " F | Sonyea | 57 |
| " G | Rochester | 102 |
| " H | " | 133 |
| " I | Brockport | 101 |
| " K | Canandaigua and Clifton Springs | 123 |
| " L | East Bloomfield | 91 |
| " M | Auburn | 73 |
| " N | Cortland | 52 |
| " R | * Pulaski | 50 |
| " S | Syracuse | 53 |
| " T | " | 18 |
| | | <hr/> |
| 4th Regiment, Infantry | Binghamton | 1,228 |
| Field and staff | " | 8 |
| Headquarters Company | " | 60 |
| Machine Gun Company | " | 65 |
| Supply Company | " | 36 |
| Sanitary Detachment | " | 38 |
| Company A | Angelica | 73 |
| " B | Wellsville and Friendship | 67 |
| " C | Corning | 79 |
| " D | Ithaca & Trumansburg | 130 |
| " E | Deposit | 63 |
| " F | Owego | 90 |
| " G | Binghamton & Greene | 93 |
| " H | Binghamton | 38 |

Strength of New York Guard January 1, 1919 — Continued

4TH BRIGADE — *Concluded*

| Organizations | Station | Strength |
|--|------------------------------|----------|
| 4th Regiment, Infantry — <i>Concluded</i> | | |
| Company I..... | Montour Falls & Watkins..... | 61 |
| " K..... | Hornell & Bath..... | 132 |
| " L..... | Elmira..... | 70 |
| " M..... | Groton..... | 69 |
| " O..... | Penn Yan..... | 56 |
| <hr/> | | |
| 65th Regiment, Infantry..... | Buffalo..... | 786 |
| Field and staff..... | "..... | 5 |
| Headquarters Company..... | "..... | 6 |
| Supply Company..... | "..... | 2 |
| Sanitary Detachment..... | "..... | 20 |
| Company A..... | "..... | 78 |
| " B..... | "..... | 80 |
| " D..... | "..... | 78 |
| " E..... | Jamestown..... | 93 |
| " F..... | Buffalo..... | 66 |
| " G..... | "..... | 86 |
| " I..... | Olean..... | 84 |
| " K..... | Warsaw..... | 61 |
| " L..... | Salamanca..... | 54 |
| " M..... | East Aurora..... | 93 |
| <hr/> | | |
| 74th Regiment, Infantry..... | Buffalo..... | 1,278 |
| Field and Staff..... | "..... | 8 |
| Headquarters Company..... | "..... | 38 |
| Supply Company..... | "..... | 29 |
| Sanitary Detachment..... | "..... | 23 |
| Company A..... | "..... | 97 |
| " B..... | "..... | 103 |
| " C..... | "..... | 86 |
| " D..... | "..... | 103 |
| " E..... | "..... | 75 |
| " F..... | Medina..... | 69 |
| " G..... | Niagara Falls..... | 94 |
| " H..... | " "..... | 94 |
| " I..... | Buffalo..... | 94 |
| " K..... | Tonawanda..... | 63 |
| " L..... | Niagara Falls..... | 86 |
| " M..... | Buffalo..... | 84 |
| " N..... | Albion..... | 63 |
| " T..... | Buffalo..... | 69 |
| <hr/> | | |
| Total 4th Brigade..... | | 4,739 |

Strength of New York Guard January 1, 1919 — Concluded

| | Strength |
|--|-----------|
| General officers and their aids not accounted for elsewhere..... | 12 |
| Adjutant General's Department..... | 8 |
| Judge Advocate General's Department..... | 3 |
| Inspector General's Department..... | 9 |
| Quartermaster Corps..... | 14 |
| Ordnance Department..... | 5 |
| Medical Corps (see note 1)..... | 3 |
| Engineer Corps (see note 2)..... | 8 |
| Enlisted men of Brigade Headquarters detachment..... | 14 |
| Total..... | 76 |

SUMMARY

| | |
|--|---------------|
| General officers and their aids not accounted for elsewhere..... | 12 |
| Adjutant General's Department..... | 8 |
| Judge Advocate General's Department..... | 3 |
| Inspector General's Department..... | 9 |
| Quartermaster Corps..... | 14 |
| Ordnance Department..... | 5 |
| Medical Department..... | 607 |
| Signal Corps..... | 213 |
| Engineer Corps..... | 972 |
| Cavalry..... | 761 |
| Field Artillery..... | 1,167 |
| Coast Artillery Corps..... | 2,957 |
| Infantry..... | 15,895 |
| Total New York Guard..... | 22,623 |

Reference notes:

1. Does not include officers and enlisted men serving with sanitary detachments nor officers and enlisted men of independent sanitary units who are shown with the organisations to which attached.

2. Does not include the 22d Engineers, which is shown with 1st Brigade organisations.

3. Headquarters of 1st Brigade stationed at New York City; 2d Brigade, Brooklyn; 3d Brigade, Albany; 4th Brigade, Buffalo.

APPENDIX C

Strength of New York National Guard and New York Guard December 31, 1919

| Organisation | Station | Strength |
|---|---------------------|----------|
| Headquarters Division, N. Y. G. | New York City. | 33 |
| " 1st Brigade, N. Y. G. | " | 14 |
| 2d " " " | Brooklyn..... | 6 |
| 3d " " " | Albany..... | 12 |
| 4th " " " | Buffalo..... | 7 |
| 1st Battalion, Signal Corps, " | New York City..... | 124 |
| (Headquarters, Sanitary Detachment, Cos. A and C, New York City; Co. B, Brooklyn.) | | |
| 22d Engineers, N. Y. G. | New York City..... | 678 |
| 1st Machine Gun Battalion, N. Y. G. | " | — |
| 1st Cavalry, N. Y. G. | Brooklyn..... | 623 |
| (Headquarters, Sanitary Detachment, and Troops A, C, E, K, and L, Brooklyn; B, Albany; D, Syracuse; F, West New Brighton; G, Utica; H, Rochester; M. G. Troop and I, Buffalo; M, Geneseo.) | | |
| Squadron A, N. Y. G. | New York City..... | 185 |
| 1st Field Artillery, N. Y. G. | " | 664 |
| (Headquarters, Headquarters Co., Supply Co., Sanitary Detachment, and Batteries B, D, E, and F, New York City; Battery A, Syracuse; Battery C, Binghamton.) | | |
| 2d Field Artillery, N. Y. G. | Brooklyn..... | 383 |
| (Headquarters, Headquarters Co., Supply Co., and Batteries A, B, and C, Brooklyn; Batteries D, E, and F, New York City.) | | |
| 65th Field Artillery, N. Y. G. | Buffalo..... | 355 |
| (Headquarters and all units, Buffalo.) | | |
| 8th Coast Defense Command, N. Y. G. | New York City..... | 796 |
| (Headquarters and all units, New York City.) | | |
| 9th Coast Defense Command, N. Y. G. | " | 680 |
| (Headquarters and all units, New York City, except 24th Co., Far Rockaway.) | | |
| 13th Coast Defense Command, N. Y. G. | Brooklyn..... | 948 |
| (Headquarters and all units, Brooklyn.) | | |
| 1st Field Hospital, N. Y. G. | New York City..... | 59 |
| 2d " " " | Albany..... | 36 |
| 3d " " " | Brooklyn..... | 72 |
| 4th " " " | Buffalo..... | — |
| 2d Ambulance Co., " | Rochester..... | 50 |
| 3d " " " | New York City..... | 33 |
| 4th " " " | Syracuse..... | 13 |
| 1st Infantry, N. Y. G. | Poughkeepsie..... | 747 |
| (Headquarters, Headquarters Co., and Co. K, Poughkeepsie; Supply Co. and Co. M, Kingston; M. G. Co., Pine Plains; Cos. A, B, White Plains; Cos. C, H, Mt. Vernon; Cos. E, L, Newburgh; Co. F, Warwick; Co. G, Yonkers; Co. I, Middletown.) | | |
| 2d Infantry, N. Y. G. | Troy..... | 995 |
| (Headquarters, Headquarters Co., Supply Co., Sanitary Detachment; Cos. A, C, Troy; M. G. Co., Cos. E, F, Schenectady; Co. B, Cohoes; Co. D, Saranac Lake and Plattsburg; Co. G, Gloversville and Canajoharie; Co. H, Amsterdam; Co. I, Whitehall; Co. K, Glens Falls; Co. L, Saratoga; Co. M, Hoosick Falls.) | | |

**Strength of New York National Guard and New York Guard
December 31, 1919 — Concluded**

| Organization | Station | Strength |
|--|--------------------|---------------|
| 3d Infantry, N. Y. G..... | Syracuse..... | 1,072 |
| (Headquarters, Headquarters Co., Sanitary Detachment, and Co. C, Syracuse; Supply Co., Auburn and Newark; Co. M, Auburn; M. G. Co. and Cos. A, G, H, Rochester; Co. B, Geneva and Clyde; Co. D, Oswego; Co. E, Canandaigua and East Bloomfield; Co. F, Brockport and Medina; Co. I, Ogdensburg and Massena; Co. K, Malone and Chateaugay; Co. L, Watertown and Pulaski.) | | |
| 4th Infantry, N. Y. G..... | Binghamton..... | 1,075 |
| (Headquarters, Headquarters Co., M. G. Co., Supply Co., Sanitary Detachment, Cos. G and H, Binghamton; Co. C, Corning; Co. D, Ithaca; Co. E, Deposit; Co. F, Owego; Co. I, Montour Falls and Watkins; Co. K, Hornell; Co. L, Elmira.) | | |
| 7th Infantry, N. Y. G..... | New York City..... | 362 |
| 10th " "..... | Albany..... | 891 |
| (Headquarters, Headquarters Co., Supply Co., Sanitary Detachment, Cos. A, B, C, D, Albany; M. G. Co., Rome; Co. E, Catskill; Co. F, Hudson; Co. G, Oneonta; Co. H, Oneida; Co. I, Walton; Cos. K and L, Utica; Co. M, Mohawk.) | | |
| 12th Infantry, N. Y. G..... | New York City..... | 980 |
| 14th " "..... | Brooklyn..... | 766 |
| (All units, Brooklyn, except Co. I, Flushing; Co. K, Inwood; Co. M, Hempstead.) | | |
| 15th Infantry, N. Y. G..... | New York City..... | 857 |
| 23d " "..... | Brooklyn..... | 730 |
| (All units, Brooklyn, except Co. L, Cedarhurst; Co. M, Glen Cove.) | | |
| 47th Infantry, N. Y. G..... | Brooklyn..... | 733 |
| 69th " "..... | New York City..... | 948 |
| (All units, New York City, except Co. I, Elmsford.) | | |
| 71st Infantry, N. Y. G..... | New York City..... | 887 |
| 74th " "..... | Buffalo..... | 965 |
| (Headquarters, Headquarters Co., Supply Co., Sanitary Detachment, Cos. A, B, C, D, F, G, H, Buffalo; Co. E, Jamestown; Cos. I, L, M, Niagara Falls; Co. K, Tonawanda; Co. N, Olean; Co. O, East Aurora.) | | |
| Staff Corps and Departments..... | | 26 |
| Total..... | | 17,805 |

NOTE.— For units of above organizations which have received Federal recognition as National Guard, see Report of The Adjutant General.

APPENDIX D

HEADQUARTERS PROVISIONAL BRIGADE, N. Y. G.

176 State Street

ALBANY, N. Y., *March 1, 1919.*

FROM: Commanding General.
TO: The Adjutant General, S. N. Y.
SUBJECT: Report of Tour of Duty.

1. In accordance with Special Orders No. 311, A. G. O., dated December 11, 1917, a Provisional Brigade was created consisting of the First and Second Provisional Regiments, then in existence and on active duty guarding public property. Brigadier General F. DeForest Kemp was placed in command with headquarters at 176 State Street, Albany, N. Y.

This Brigade reported direct to The Adjutant General of the State and from him received all instructions and necessary authority. The Provisional Brigade was disbanded by Special Orders of The Adjutant General's Office on November 18, 1918.

The First Provisional Regiment guarded the water supply of the City of New York and was under the command of Colonel John B. Rose, 1st Infantry, N. Y. G. Its territory extended from the northern boundary line of the City of New York along the line of the Croton Aqueduct to Croton Lake, from thence to a point near Cold Spring on the east bank of the Hudson river at Breakneck tunnel where the Aqueduct crosses under the river to Storm King Mountain. Thence along the Aqueduct to Ashokan Reservoir, a distance of 96 miles. Two hundred forty-seven vulnerable points were guarded. The headquarters were at Croton Lake for the greater portion of the tour, but were eventually moved to Ossining.

The territory guarded by the Second Provisional Regiment, which was commanded by Major George J. Winslow, Inspector General, 3d Brigade, N. Y. G., extended from Albany and Troy along the line of the Barge canal to Whitehall, and from Waterford along the line of the Barge and Erie canals west to Tonawanda, north from Syracuse to Oswego, southwest from Syracuse to Waterloo with posts at the International Railroad Bridge at Niagara Falls, the bridge of the Central New England Railroad at Poughkeepsie, public buildings and two New York Central Railroad bridges at Albany. Additional details of men, for the purpose of guarding the points indicated were made to this regiment as follows:

(a) Jan. 10, 1918.—One corporal and 7 privates to guard the plant of the Central Hudson Gas and Electric Company at Poughkeepsie. The men on this duty were assigned to Company G and were relieved November 15, 1918.

(b) Feb. 12, 1918.—A company designated as Company K consisting of 3 officers and 125 men was assigned to the protection of the plant of the New York Air Brake Company at Watertown. This company was withdrawn July 22, 1918.

(c) Feb. 27, 1918.—Two corporals and 7 privates were placed on duty to protect the plant of the Champlain Silk Mills at Whitehall. These men were assigned to Company A and were later relieved from duty.

(d) July 17, 1918.—One sergeant, 3 corporals and 6 privates were assigned to duty with Company G to guard the property of the United States Ammunition Company at Poughkeepsie. This detachment was later relieved.

The total continuous extent of line covered by this regiment was about 532 miles and 140 posts were guarded.

Headquarters were located in the State Armory, Troy, N. Y.

The cost of protection of private plants was to be borne by the various corporations, and this policy resulted in the withdrawal of troops located at Watertown because of the inability to come to terms with the New York Air Brake Company. It also established a precedent for the protection of private industries in the United States during the war emergencies and was in line with the declaration of the Secretary of War that "States must protect properties within their borders without aid from the Federal authorities."

Inspections of the Commercial Research Corporation's property at Niagara Falls, the various plants of the Consolidated Gas Company in New York City, the Ship Building Plant at Shooters Island, and the Garbage Disposal Plant on Staten Island were made with a view of establishing guards, but the protection was never authorized.

Officers and men from this regiment were also detailed at various times to assist the Department of Justice and civil authorities in the arrest of draft evaders.

The approximate money value of the properties guarded was \$550,000,000. During the tour of duty no damage was done, although much enemy activity and many attempts to do damage were reported.

On the Aqueduct a complete telephone system connecting all posts and headquarters was constructed, and on the east side of the Hudson river an electric lighting system installed which connected up with the barracks and furnished lights for the posts on that sector. The cost of these two systems was borne by the City of New York.

On the Barge canal, the telephone and lighting system located thereon was utilized, and where no service was available rentals were made with the New York Telephone Company, so that communication with each post in the brigade was possible.

A ration allowance of seventy-five cents per man per day was given, and the meals served were of particularly good quality. In some cases in the 2d Provisional Regiment, where posts were inaccessible and there were only three or four men on duty, arrangements to procure cooked meals at farm houses were made at the beginning of the tour, but eventually all posts cooked their own meals. "The Outpost Cook," a manual on cooking especially designed for small outposts was published as a result of this duty.

A prison camp was established at the State Camp, Peekskill, and prisoners filled the ice houses at that point, and cut all the hay at Camp Whitman, besides doing work on the roads at the State Camp.

Rifle practice was taken up by sending details of men from the various posts to the nearest ranges.

Inspections were made daily by inspecting officers assigned to each regiment, and medical inspections by the medical officers.

The average total daily strength of the brigade was 91 officers and 1960 men.

1. The officers and men were obtained by the volunteer system and represented practically every unit in the New York Guard. The problem of release and replacement was extremely difficult to cover as many men were not desirous of losing their identity with their home organizations even for a temporary period. After many conferences with the Brigade and Regimental Commanders, and The Adjutant General, men were transferred and placed in companies which were representative of their home regiment and under officers from their own regiments. This relieved the situation somewhat, but it is recommended, that, if in the future any similar work is undertaken by the military forces of this State, they be ordered as a company or regiment intact, as by this method alone can the esprit de corps be maintained and the best results obtained. On February 1, 1918, and again on April 18, 1918, The Adjutant General directed that "Inasmuch as New York City is paying the bill for the maintenance of the guarding of the Aqueduct, preference be given to men from New York City units." This plan was followed until later in the year when the policy was changed and men from up-State were utilized as replacements to the 1st Provisional Regiment.

The permission given inactive organizations of the New York Guard to enlist boys of sixteen years of age led to many very young men being placed on active duty. In practically every case it was necessary to release these boys from service as they were not physically qualified to endure the hardships of the duty.

After one or two months service men became imbued with a desire for foreign service, and enlisted in the United States forces. When the Selective Service Law became effective, men were taken from the brigade in great

numbers. Due to replacements made necessary by the above cases a total of 9,650 men were on duty during this brigade's existence.

3. Barracks of a sectional type were constructed, built in approximately seven foot sections with double floors, paper lined side walls, roofed with boards covered with good roofing paper and made in various sizes suitable to housing from three to one hundred twenty-five men. Buildings conveniently located, if they could be obtained at a reasonable rate, were rented as barracks wherever possible. In the 2d Provisional Regiment construction was practically complete by January 1, 1918. In the 1st Provisional Regiment work was delayed considerably by inability to obtain lumber, due to demands of the United States Government for lumber to construct cantonments.

During summer months men were moved from barracks and put under canvas where canvas was obtainable. There was very little tentage in possession of the State, and although some purchases were made, the quantity possible to obtain, made a proportionate issue to each regiment necessary.

Subsistence purchases were centralized and issues made by the Supply Officer of each regiment.

Serious difficulty was encountered in the issue of clothing; first, because of lack of appropriations to obtain necessary quantity, and secondly, the great purchases of cloth by the Federal Government shut off all others from the market. Despite this fact, men were warmly clad, and, at the time of withdrawal of the force, provision had been made to issue each man a complete new outfit.

In connection with the purchase and issuance of uniforms and equipment I cannot commend too highly the efforts of Colonel J. Weston Myers, Officer in Charge, State Arsenal, for his energy in providing for the requirement of all.

Frequent conferences, lectures and personal instructions on financial transactions, paper work, and other matters were given by Major Edward J. Wilson, Brigade Quartermaster.

4. Discipline was maintained by the enforcement of the Articles of War, Military Law and Regulations.

In the 1st Provisional Regiment, a Summary Court Officer was appointed for each battalion, and in the 2d Provisional Regiment for each company. This latter was made necessary by the extreme distances covered by each company.

Moneys collected were first deposited to the credit of the Provisional organization with which the man first served, but on August 9, 1918, Special Orders 211, A. G. O., directed the transfer of military funds of companies to the County Treasurer of the county in which the headquarters of the regiment was located, with instructions that the funds be administered by the three senior officers of each regiment. Funds so derived were used for the betterment of social conditions by purchase of books, victrolas, rental of pianos, table luxuries, etc.

5. The general health of the command was excellent except during the influenza epidemic of 1918. Most of the men gained in weight while on this duty. Only one case of typhoid fever was reported. Inoculations were given to men who came on duty and included both typhoid and paratyphoid serums.

During the months of September, October and November, 1918, the epidemic of influenza made inroads upon the personnel, there being nine hundred thirteen cases, and of this number thirty-six were fatal.

In connection with this epidemic, the work performed by the Women's Motor Corps deserves special mention. They worked night and day transporting men from the line to the various hospitals and were ceaseless in their efforts. In the 2d Provisional Regiment men were sent to hospitals in the immediate vicinity of their posts and treatment given by local doctors under the supervision of the two medical officers assigned to that regiment. In Albany the State Armory was used as a temporary hospital until local hospitals were able to receive the patients. On October 9th, the Commanding Officer, 1st Provisional Regiment reported that the Atlantic Division of the American Red Cross had established a hospital for the use of his command in the former military academy at Ossining owned by Mr. V. Everitt Macy who had donated the use of this building free of cost, and that Captain

Robert Lindsay of the Red Cross had equipped this building with various essentials and furnished some nurses. The City of Newburgh, through the efforts of Colonel Rose, having offered the use of a building controlled by the school board, Colonel Rose was authorized by this headquarters to establish a hospital at that point, to hire nurses, and purchase necessary supplies as indicated by the Chief Medical Officer of his regiment. The action of the Red Cross, the officials of the City of Newburgh, Mr. Macy, and the local Red Cross Chapters was most praiseworthy. The facilities placed at the disposal of the organizations were such that there is no doubt but what many lives were saved through their co-operation and generosity.

During the epidemic a temporary hospital was established in the armory at Whitehall to care for the civilian population, and at one time one hundred and ten cases handled. A supply truck from this organization having arrived with provisions for troops, and the emergency being great, the force operating the truck were directed to remain and assist. The men handled necessary supplies, took care of the sick, and even prepared graves for the dead. Their work was so greatly appreciated that resolutions of commendation were sent to the Governor by the Town Board.

In connection with the health of the men, where cases of venereal diseases were found, such men were promptly relieved from duty and all clothing destroyed.

The Red Cross were to erect and conduct canteens on the Aqueduct, and had worked out a system of traveling canteens for the Barge canal, when advice that troops were to be withdrawn caused the discontinuance of this activity. The Aqueduct Hostess House at Scarsdale was opened February 22, 1918, through the work of a committee of which Mr. Thomas Simpson was president, and the War Camp Community Club at Niagara Falls furnished facilities which were greatly enjoyed by men at that point.

6. The activities of the organizations composing the Provisional Brigade were many and varied; no publicity was given to the many attempts made to destroy or injure the valuable properties protected. Threats to blow up the Aqueduct were investigated and plans frustrated. A plot to destroy the International Bridge at Niagara Falls overheard in Erie, Pa., and reported to me by the Chief of Police at that place resulted in recalling all leaves and extra precautions being taken. An unknown man was killed while endeavoring to escape from the sentry at Gate 5, Post 40 near Mohawk. On April 11, 1918, the Empire State Express was wrecked in close proximity to Post 55—56 Guy Park, Amsterdam, with some loss of life and many injured. Men off duty at this Post rendered first aid, and assisted in the rescue, and policed the wreck. Major Becker, surgeon, 2d Provisional Regiment, a passenger and slightly injured himself, rendered valuable aid to the unfortunate. Private Leitt, Company D, 2d Provisional Regiment, on guard at the Lock at Palmyra on October 29th jumped in the Lock and rescued a small child from drowning. Men on the Aqueduct and at Poughkeepsie constantly observed signal lights which conveyed messages of considerable import to the enemy. Investigations which led to arrests of alien enemies were made by the Commanding Officer, 1st Provisional Regiment, in conjunction with Federal authorities. Due to lack of prior instruction there were twenty cases of accidental shooting. Only one fatality occurred. Sentries were fired upon one hundred and six times, two men being injured. Five hundred and fifty-one cases of suspicious actions were reported either before or after investigation. Eighty-two arrests were made, the charges being seditious utterance, loitering, robbery, enemy alien, draft evasion, desertion, photographing or sketching property protected, attempted damage to property protected. These cases were prosecuted by the Federal authorities. Three men on duty committed suicide. Aeroplanes were reported twelve times as passing over or lingering in the vicinity of protected points. Four fires were extinguished on the Poughkeepsie bridge. Two fires were extinguished on the Michigan Central bridge at Niagara Falls, two on the Livingston Avenue bridge at Albany, one at Building B of the New York Air Brake Company at Watertown, and one in a house near the Post at the Executive Mansion, Albany. Assistance was rendered at two fires adjacent to the Aqueduct, and

two men were severely burned in a fire in a supply tent at Millwood. What would have been a serious accident was averted by the quick wit of a sentry at the Gorge in Niagara Falls, who being stationed at almost the identical spot where the great fatality occurred a year ago, having observed two large rocks fall in the Gorge, in the path of an approaching car, stopped the car which was traveling at high speed and was loaded with passengers.

7. It is interesting to record that the Post at Niagara Falls was visited at different times by the Commanding General of the Department of the East, U. S. A., and by Major General Sir Herbert Powell of the British Army, both of whom expressed satisfaction with conditions found, and complimented the Commanding Officer on the appearance of the men and quarters, and each sentry on his military bearing and courtesy. Frequent visits at unexpected places were made by various officers of the army who likewise commented favorably upon conditions found.

8. The general public of this State not having been informed by newspaper propaganda, never realized the size of the task which confronted the officers and men of this Brigade. The opinion prevailed with too many people that this service was a haven for those who wished to avoid the war's responsibility. Nothing could be further from the truth. When one considers that the 1st Provisional was charged with the great responsibility of the protection of a water supply which provided, first, means of combating a campaign of the torch which was carried on in the winter of 1917; second, the supply of potable water for ships engaged in carrying troops and supplies to France; and third, the continuous supply of water necessary to flush toilets, etc., in crowded districts, which, if interrupted meant a terrible pestilence, and that the 2d Provisional Regiment was responsible for the uninterrupted movement of submarine chasers, ships, raw materials and commerce of all kinds through the Barge canal, keeping clear one of the gateways to New England not alone for the transportation of raw material going into munitions manufactured there and their shipment back in finished product, but also the movement of coal and other essentials upon which depended the operation of factories and the means of livelihood of the people; the maintenance of uninterrupted communication with our Canadian ally for the same reason; and the protection of plants engaged in war industries, it can be seen that this work was not only State but National in scope.

The training men received enabled them to become noncommissioned officers upon entry into Federal service, and from reports received it would appear that 95 per cent. of men entering that service were warranted within ten days of their entry.

Figures elsewhere in this report show the personnel to have changed five times. Eighty-five percentum of these changes were due to entry into Federal service.

The work was exacting and irksome requiring continual guard duty. Any man who has performed two hours on and four off one day in seven can realize the monotony of a daily grind of four hours on and eight hours off, or six on and twelve off, which was the fate of these men. Shortage of man power made leaves of absence a rarity. Training camps at various cantonments in this country had Saturday and Wednesday half holidays with work only during daylight. Men at these camps were on duty without responsibility for the protection of life and property. The men of the Provisional Brigade were on duty as sentries or as relief twenty-four hours every day, with no holidays or Sundays off. This tour of duty was carried out in the severest winter known in fifty years, with temperature ranging from zero to thirty below. Instances are recorded of men performing continuous duty for twenty-four and thirty-six hours, where sickness left only one man on duty at a Post or snow and weather conditions prevented relief within that period. I would be remiss did I not express at this time my great appreciation of the attitude of the individual soldiers constituting this Brigade.

9. This work was under the general direction of The Adjutant General of the State. During this tour Brigadier General Charles H. Sherrill, Lieutenant Colonel Edward J. Westcott and Brigadier General Charles W. Berry have occupied that position and to them are due the thanks of all officers and men for the co-operation and support that was ever forthcoming.

To Colonel John B. Rose and Major W. L. Burnett are due praise for working out in conjunction with me many radical changes which I was directed to make in their organization, and for many original ideas which benefited their regiment.

Major George J. Winslow, who succeeded me as Commanding Officer of the 2d Provisional Regiment is worthy of special commendation for the splendid, businesslike administration and military performance of that organization.

The work performed by Major Edward J. Wilson, Brigade Quartermaster, was of inestimable value, not alone to me, but also to those who needed assistance in paper work and administration.

Majors Henry L. Butler and Daniel F. Nial, who, at different periods, served as Adjutants General of the Brigade, are given thanks for their faithful and efficient performance of their duties.

The Medical Officers attached to the two regiments whose skill and devotion to duty saved many lives during the influenza epidemic and held it in check with a low mortality and whose general work and sanitation and hygiene kept the sick rate very low, are to be especially complimented on their efforts.

10. In conclusion, and based on investigation and observation of this particular type of duty, I would make the following recommendations to be followed if a similar situation arises in the future.

(a) That all duty be ordered.

(b) That particular attention and instruction be given all officers in the preparation of payrolls, vouchers, property responsibility and accountability, the various Finance laws and Regulations which govern the action on and payment by the Comptroller of the State, of the City of New York and County Treasurers when troops are called out in aid of civil authorities. While the Military Law and the Regulations would appear to cover the ground, many conflicts could be avoided and prompt payment made if both sides were conversant with the Regulations applying to each other.

(c) That since the Constitution of the State provides that there shall be at all times maintained a properly uniformed, armed and equipped force of not less than ten thousand men, some provision should be made to immediately equip such new force as might be necessary were the present force taken away as in the late war. The same condition that confronted us in obtaining equipment would prevail unless a sufficient reserve was held for this purpose or appropriations which could be utilized at once were carried in the budget.

(d) If war medals are issued by the State for service in the World War, that the service rendered by officers and men of the Provisional Brigade be recognized and such medals issued to them. The same recommendation would apply to any bonus which may be given for service.

F. DUFOREST KEMP,

Brigadier General.

APPENDIX E

List of officers from the State of New York who died while in the Army of the United States and United States Marine Corps during the war with Germany.

ARMY OF THE UNITED STATES

| Name | Address | Rank, and arm of service | Date and cause of death |
|-----------------------|----------------------|--------------------------------|---|
| Abrams, Rubb | New York City | 1st Lt., Q. M. C. | Died of disease, December 12, 1918, Emporium, Pa. |
| Alder, Albert M. | New York City | 1st Lt., Inf. | Killed in action, November 5, 1918, (A. E. F.) |
| Allen, William | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, October 3, 1918, (A. E. F.) |
| Alvord, Richard B. | Hornell, N. Y. | 2d Lt., Inf. | Died of disease, February 9, 1919, (A. E. F.) |
| Anderson, Earl G. | New York City | 2d Lt., Eng. | Died of wounds, July 15, 1918, (A. E. F.) |
| Anderson, Edward M. | Richmond Hill, N. Y. | 2d Lt., A. S. A. | Died from accident, July 25, 1919, Dallas, Tex. |
| Anders, James C. | New York City | 2d Lt., A. S. A. | Killed in action, July 19, 1918, (A. E. F.) |
| Andre, Harold A. | New York City | 2d Lt., A. S. C. | Died of accident, March 16, 1918, Teller Field, Tex. |
| Arnett, John D. | Knobsville, N. Y. | 1st Lt., M. C. | Killed in action, April 16, 1918, (A. E. F.) |
| Arnold, Howard W. | New York City | 2d Lt., Inf. | Killed in action, July 29, 1918, (A. E. F.) |
| Arnold, Percy W. | New York State | Capt., Inf. (Maj. Cav.), R. A. | Died from accident, January 25, 1919, (A. E. F.) |
| Ayer, Charles H. | New York City | 2d Lt., Inf. | Killed in action, November 3, 1918, (A. E. F.) |
| Bach, Joe S. | New York City | 2d Lt., Inf. | Killed in action, November 6, 1918, (A. E. F.) |
| Bach, Joe S. | Hastings, N. Y. | Capt., Q. M. C. | Killed in action, October 5, 1918, (A. E. F.) |
| Bachman, John A. | Buffalo, N. Y. | 2d Lt., Inf. | Died of disease, September 26, 1918, (A. E. F.) |
| Baird, Charles O. | Richmond Hill, N. Y. | Major Sig. Ops. | Died of wounds, September 12, 1918, (A. E. F.) |
| Baker, Charles N. | New York City | Capt., Inf. | Died of disease, June 9, 1919, Albany, N. Y. |
| Baker, John L. | Oshtemo, N. | 1st Lt., Inf. | Died of disease, February 13, 1919, Detroit, Mich. |
| Baker, Walter E. | New York City | 1st Lt., Ord. | Died of wounds, September 16, 1918, (A. E. F.) |
| Balch, Frederick A. | Brooklyn, N. Y. | 1st Lt., Inf. | Died of disease, October 30, 1918, Camp Dix, N. J. |
| Balch, Richard V. | Oshtemo, N. Y. | 2d Lt., Q. M. C. | Died of accident, September 26, 1918, (A. E. F.) |
| Barclay, David | St. Edward, N. Y. | 2d Lt., A. S. C. | Died of disease, November 23, 1918, Hoboken, N. J. |
| Barclay, Darwin E. | Brooklyn, N. Y. | 1st Lt., D. C. | Killed in action, September 28, 1919, (A. E. F.) |
| Bars, Alex D. | Brooklyn, N. Y. | Capt., Cav. | Died of disease, February 28, 1919, (A. E. F.) |
| Barrett, Alexander | New York City | Capt., Inf. | Died of disease, October 17, 1919, Tacoma Park, D. C. |
| Barrett, Blanton | New York City | 1st Lt., Inf. | Killed in action, July 21, 1918, (A. E. F.) |
| Barrett, Robert H. | Springville, N. Y. | 1st Lt., Inf., R. A. | Died of wounds, February 3, 1918, (A. E. F.) |
| Battle, John M. | New York State | 2d Lt., F. A. S. A. | Died of disease, January 21, 1918, Camp Mead, Md. |
| Beaucher, Augustus F. | Syracuse, N. Y. | 1st Lt., F. A. S. A. | Killed in action, October 29, 1918, (A. E. F.) |
| Beaucher, Sydney W. | Ottensville, N. Y. | 1st Lt., Inf. | Died of disease, April 10, 1917, New York City |
| Beauvais, Walton D. | New York City | 1st Col., Inf. | Killed in action, September 27, 1918, (A. E. F.) |
| Bekman, William S. | Woodlawn, N. Y. | 2d Lt., Inf. | Killed in action, September 1, 1918, (A. E. F.) |
| Bell, Allen, Jr. | New York City | 2d Lt., Inf. | |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
|-------------------------|---------------------|------------------------------------|---|
| Benjamin, Everett F. | Riverhead, N. Y. | 2d Lt., A. S. C. | Died of disease, October 12, 1918, Ellington Field, Tex. |
| Bentley, Harry B. | Elmira, N. Y. | 1st Lt., Inf. | Died of wounds, September 28, 1918, (A. E. F.) |
| Bergen, James T. | Amsterdam, N. Y. | 1st Lt., Inf. | Killed in action, October 17, 1918, (A. E. F.) |
| Beadowski, Paul E. | Waverly, N. Y. | Capt., M. C. | Died of accident, July 2, 1918, (A. E. F.) |
| Bittrich, Joseph A. | Ithaca, N. Y. | 1st Lt., A. S. C. | Died of disease, May 14, 1918, (A. E. F.) |
| Bissell, Joseph D. | New York City | Major, M. C. | Died of disease, December 2, 1918, New York City. |
| Blittinger, Howard E. | New York City | 2d Lt., A. S. A. | Killed in action, August 26, 1918, (A. E. F.) |
| Blaisdell, William E. | Brooklyn, N. Y. | Capt., Inf. | Killed in action, September 29, 1918, (A. E. F.) |
| Bod notab, Wilmer | Yonkers, N. Y. | 2d Lt., Inf. | Killed in action, May 29, 1918, (A. E. F.) |
| Boice, Charles H. | New York State | Col. (Maj. Cav.), R. A. | Died of disease, November 11, 1919, Long Beach, Cal. |
| Boldt, H. St. John, Jr. | New York City | 1st Lt., Inf. | Killed in action, July 20, 1918, (A. E. F.) |
| Borchardt, William | New York City | 2d Lt., A. C. C. | Died of disease, August 6, 1919, Ft. Sheridan, Ill. |
| Bores, Sherman H. | Brooklyn, N. Y. | Capt., A. S. A. | Died of disease, December 21, 1919, Paris, France. |
| Bothwell, Harold E. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, August 14, 1918, (A. E. F.) |
| Bourke, John F. | Jamaica, N. Y. | 1st Lt., M. C. | Died of disease, July 28, 1919, Americus, Ga. |
| Bouton, Arthur E. | New York State | Major, Inf. (R. A.) | Killed in action, July 18, 1918, (A. E. F.) |
| Boyd, Gordon | New York City | 1st Lt., Inf. | Killed in action, October 5, 1918, (A. E. F.) |
| Bradley, John | Troy, N. Y. | 2d Lt., Cav. | Died of disease, October 20, 1918, Ft. Sam Houston, Tex. |
| Bradt, Henry G. | Johnstown, N. Y. | Capt., Inf. | Killed in action, November 9, 1918, (A. E. F.) |
| Brady, Thomas V. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, October 4, 1918, (A. E. F.) |
| Brandt, Otto H. | New York City | 1st Lt., Inf. | Killed in action, October 8, 1918, (A. E. F.) |
| Breidling, Carl A. | Brooklyn, N. Y. | 1st Lt., M. C. | Died of disease, November 6, 1918, Chattanooga, Tenn. |
| Brewer, Kenneth E. | Tannersville, N. Y. | 2d Lt., A. S. C. | Died of accident, September 28, 1918, Carleton Fld., Fla. |
| Brietbeck, Frank H. | Qawego, N. Y. | 2d Lt., Inf. | Killed in action, October 14, 1918, (A. E. F.) |
| Brogan, Thomas M. | Yonkers, N. Y. | 2d Lt., Inf. | Died of wounds, September 28, 1918, (A. E. F.) |
| Brooks, Belvidere | New York City | Capt., Inf. | Killed in action, September 9, 1918, (A. E. F.) |
| Brown, Franklin F. | Saugerties, N. Y. | 2d Lt., Inf. | Died of disease, November 7, 1918, (A. E. F.) |
| Brown, James F. | Troy, N. Y. | 1st Lt., Eng. | Killed in action, August 4, 1918, Newport News, Va. |
| Bromley, Charles R. | New York State | Capt., Inf. (1st Lt., Inf.), R. A. | Died of disease, November 3, 1918, (A. E. F.) |
| Bryan, John F. | New York City | Capt., Inf. | Died of disease, November 18, 1918, (A. E. F.) |
| Buckley, George E. | Brooklyn, N. Y. | Capt., Inf. | Killed in action, October 18, 1918, (A. E. F.) |
| Buckley, Benjamin | Troy, N. Y. | 1st Lt., Inf. (R. A.) | Killed in action, July 2, 1918, (A. E. F.) |
| Buermyer, Herbert A. | Schenectady, N. Y. | 1st Lt., Inf. | Killed in action, September 17, 1918, (A. E. F.) |
| Bull, Clarence J. | Brooklyn, N. Y. | Capt., M. C. | Killed in action, May 30, 1918, (A. E. F.) |
| Bullock, Harry A. | New York City | 2d Lt., Inf. | Killed in action, September 2, 1918, (A. E. F.) |
| Bulluck, Thomas J. | Pt. Sloon, N. Y. | 1st Lt., Inf. | Died of disease, May 22, 1918, Lakewood, N. J. |
| Bulluck, Jacob J. | New York City | 2d Lt., Inf. | Died of wounds, October 9, 1918, (A. E. F.) |
| Burchill, Joseph E. | Cobles, N. Y. | 2d Lt., Inf. | Died of accident, March 24, 1919, (A. E. F.) |
| Burke, George A. | New York City | 1st Lt., Inf. | Killed in action, August 11, 1918, (A. E. F.) |
| Burns, James S. D. | Brooklyn, N. Y. | 1st Lt., Inf. | Died of disease, July 12, 1919, Denver, Colo. |
| Burns, William J. | Buffalo, N. Y. | Capt., M. C. | Died of disease, September 17, 1918, (A. E. F.) |
| Burrows, Lorenzo, Jr. | New York City | 1st Lt., Inf. | Died of wounds, November 5, 1918, (A. E. F.) |
| Butler, Pierce | New York City | 1st Lt., Inf. | |

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| Butler, Storrs W. | Poughkeepsie, N. Y. | 1st Lt. Inf. | Died of disease, September 24, 1918, Camp Dix, N. J. |
| Byrne, Joseph P. | New York City | 2d Lt. Inf. | Killed in action, August 17, 1918. (A. E. F.) |
| Call, William F. | New York City | 2d Lt. Inf. | Died of wounds, August 28, 1918. (A. E. F.) |
| Cadwell, Eugene W. | New York City | Major, M. C. | Died of disease, June 20, 1918, New York City. |
| Cameron, Douglas T. | Fishers Island, N. Y. | 1st Lt. P. A. | Killed in action, November 3, 1918. (A. E. F.) |
| Campbell, Duncan | Brooklyn, N. Y. | 1st Lt. Inf. | Died of wounds, November 4, 1918. (A. E. F.) |
| Campbell, Robert L. | New York City | 1st Lt. A. S. A. | Died of accident, December 17, 1918, March Fld., Cal. |
| Carter, Cyril | Corning, N. Y. | 2d Lt. Inf. | Killed in action, July 17, 1918. (A. E. F.) |
| Carmack, William C. | Niagara Falls, N. Y. | 1st Lt. A. S. S. C. | Died of accident, August 9, 1918. (A. E. F.) |
| Carnoy, Daniel J. | Yonkers, N. Y. | 1st Lt. Inf. | Died of wounds, June 18, 1918. (A. E. F.) |
| Carow, Frederick G. | Brooklyn, N. Y. | 2d Lt. M. C. | Died of disease, October 16, 1918, Camp Upton, N. Y. |
| Carpenter, Howard E. | Syracuse, N. Y. | 2d Lt. Inf. | Died of wounds, December 8, 1918. (A. E. F.) |
| Carrington, Frank E. | Groton, N. Y. | 2d Lt. Inf. | Died of disease, October 23, 1918, Camp Pike, Ark. |
| Carver, Clarence B. | New York State | Capt. Inf. (R. A.) | Died of disease, April 10, 1919. (A. E. F.) |
| Cary, Arthur B. | Brooklyn, N. Y. | 2d Lt. S. M. C. | Died of disease, October 30, 1918. (A. E. F.) |
| Cattion, Richard B. | New York City | 2d Lt. Inf. | Died of disease, April 14, 1919. (A. E. F.) |
| Chandler, William H. | Brooklyn, N. Y. | 2d Lt. Inf. | Killed in action, October 6, 1918. (A. E. F.) |
| Chapman, Isaac A. | New York City | 1st Lt. Ord. | Died of disease, September 17, 1918, Aberdeen, Md. |
| Chapman, William H. | Brooklyn, N. Y. | Capt. M. C. | Died of disease, September 26, 1918, Brooklyn, N. Y. |
| Chase, Burton N. | Plattsburg, N. Y. | 2d Lt. Inf. | Killed in action, August 5, 1918. (A. E. F.) |
| Churchill, Earl R. | Buffalo, N. Y. | 1st Lt. Inf. | Died, July 9, 1918, West Point, N. Y. |
| Clark, Fred H. | New York City | 2d Lt. Cav. (R. A.) | Died of disease, September 7, 1917, Ft. Sam Houston, Tex. |
| Clark, Hamilton R. | New York State | 2d Lt. Eng. | Died of disease, October 10, 1918. (A. E. F.) |
| Clarke, Charles S. | Larchmont, N. Y. | 1st Lt. Q. M. C. | Died of disease, October 25, 1918. (A. E. F.) |
| Clarke, Lloyd W. | Brooklyn, N. Y. | Major, Inf. | Died of disease, October 24, 1918, Camp Pike, Ark. |
| Clarkson, Herbert | Rochester, N. Y. | 2d Lt. Inf. | Died of wounds, October 14, 1918. (A. E. F.) |
| Clayton, Bertram T. | New York State | Col. Q. M. C. (Lt. Col. Q. M. C.) | Killed in action, May 30, 1918. (A. E. F.) |
| Clemmshaw, Charles K. | Troy, N. Y. | 2d Lt. Q. M. C. | Died of disease, March 27, 1918, New York City. |
| Clifford, Paul L. | Brooklyn, N. Y. | 2d Lt. A. S. S. C. | Died of accident, July 20, 1918. (A. E. F.) |
| Coffey, Arthur H. | Yonkers, N. Y. | 2d Lt. A. S. A. | Died of disease, December 31, 1918, Yonkers, N. Y. |
| Cohen, Emil J. | Brooklyn, N. Y. | Capt. A. S. D. | Died of disease, October 20, 1918, Camp Sheridan, Ala. |
| Cole, Charles C. | New Rochelle, N. Y. | 2d Lt. A. S. A. | Died of accident, December 6, 1918, Ellington Fld., Texas. |
| Cole, Sidney, T. | Corning, N. Y. | 2d Lt. Inf. | Killed in action, July 19, 1918. (A. E. F.) |
| Coleman, Elmus | Syracuse, N. Y. | 2d Lt. Inf. | Killed in action, July 19, 1918. (A. E. F.) |
| Collins, John F. | Brooklyn, N. Y. | 1st Lt. Inf. | Died of wounds, November 11, 1918. (A. E. F.) |
| Collins, Orlando B., Jr. | Watervliet, N. Y. | 2d Lt. Inf. | Killed in action, October 16, 1918. (A. E. F.) |
| Collins, Thomas F. | New York City | 2d Lt. Inf. | Killed in action, October 9, 1918. (A. E. F.) |
| Colford, Clarence M. | New York State | 2d Lt. Inf. | Killed in action, October 11, 1918. (A. E. F.) |
| Compton, Samuel H. | New York City | Capt. Inf. | Died of disease, February 3, 1918. (A. E. F.) |
| Cobb, Frederick W. | White Plains, N. Y. | Capt. Ord. | Killed in action, September 29, 1918. (A. E. F.) |
| Conner, Richard L. J. | New York City | 2d Lt. Inf. | Died of disease, October 4, 1918, Evanston, Ill. |
| Connolly, Daniel M. | Brooklyn, N. Y. | 2d Lt. Inf. | Killed in action, October 18, 1918. (A. E. F.) |
| Conway, Harry L. | New York City | 1st Lt. Inf. | Died of wounds, August 24, 1918. (A. E. F.) |
| Cook, Charles F. | Richmond Hill, N. Y. | Major, Ord. | Died of disease, January 1, 1919, New York City. |
| Cooper, James F., Jr. | Cooperstown, N. Y. | Capt. F. A. | Died of disease, February 17, 1918, Camp Dix, N. J. |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
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| Corboy, Robert M. | Brooklyn, N. Y. | 1st Lt., Inf. | Died of wounds, November 7, 1918. (A. E. F.) |
| Cordis, Paul H. | Brooklyn, N. Y. | 1st Lt., Eng. | Died of wounds, September 12, 1918. (A. E. F.) |
| Corson, John G. | Binghamton, N. Y. | 1st Lt., M. C. | Died of disease, October 23, 1918, Ft. Bayard, N. Mex. |
| Cory, Harvey L. | Rochester, N. Y. | 2d Lt., Inf. | Killed in action, September 22, 1918. (A. E. F.) |
| Cottrell, Arthur M. | Alfred, N. Y. | Capt., A. S. C. | Died of disease, October 12, 1918, Garden City, N. Y. |
| Cramer, Carl C. | New York City | 1st Lt., Inf. | Killed in action, August 7, 1918. (A. E. F.) |
| Cramer, Murray E. | New York City | 1st Lt., Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Crandall Elverson C. | Watertown, N. Y. | 1st Lt., Inf. | Killed in action, August 14, 1918. (A. E. F.) |
| Crawford, Conrad | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, August 2, 1918. (A. E. F.) |
| Cronkrite, Alexander P. | New York State | Maj., Eng. (Capt., Eng.) R. A. | Died of accident, October 25, 1918, Camp Lewis, Wash. |
| Crosby, Harry E. | Kenmore, N. Y. | 1st Lt., Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Crump, Samuel, Jr. | New York City | 1st Lt., Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Cudlipp, Jerome M. | New York City | 1st Lt., A. S. A. | Died of accident, September 23, 1918. (A. E. F.) |
| Cunningham, Arthur H. | Hornell, N. Y. | 2d Lt., Inf. | Killed in action, October 18, 1918. (A. E. F.) |
| Curtis, James F. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Daniel, Charles R. | Brooklyn, N. Y. | 2d Lt., Inf. | Died of wounds, November 23, 1918. (A. E. F.) |
| Dattebaum, Harry A. | Brooklyn, N. Y. | 1st Lt., San. Chs. | Died of disease, April 5, 1918, Brooklyn, N. Y. |
| Davis, William D. | New York State | Col. Inf. (Lt. Col. Inf.) R. A. | Killed in action, Nov. 1, 1918. (A. E. F.) |
| Davis, William G. | Mexico, N. Y. | 1st Lt., Engrs. | Died of disease, October 7, 1918. (A. E. F.) |
| Dean, Stanley | Schaughticoke, N. Y. | Capt., Q. M. C. | Died of disease, October 2, 1918, Springfield Sta., Va. |
| Dedier, Elsworth H. | Nyack, N. Y. | 1st Lt., Inf. | Killed in action, October 27, 1918. (A. E. F.) |
| Dedicko, Earnest C. | Middleville, N. Y. | 1st Lt., Engrs. | Died of wounds, July 15, 1918. (A. E. F.) |
| Deery, William J. | New York City | 1st Lt., Inf. | Killed in action, July 18, 1918. (A. E. F.) |
| De Kruiff, Theodore | New York City | 2d Lt., A. S. | Died of disease, November 16, 1918. (A. E. F.) |
| DeLany, James F. | New York City | 1st Lt., Inf. | Died of wounds, September 29, 1918. (A. E. F.) |
| Delham, Charles, Jr. | Cold Spring, N. Y. | 2d Lt., Inf. | Died of wounds, October 10, 1918. (A. E. F.) |
| Detchou, Benjamin C. | New York City | Capt., Ord. | Died of disease, October 1, 1918. (A. E. F.) |
| Dickey, Stephen W. | New York City | 2d Lt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Dillard, Alex W. | New York State | Maj., Inf. (Capt., Inf.) R. A. | Died of accident, May 4, 1919, Nashville, Tenn. |
| Dixon, Jerome J. | Brooklyn, N. Y. | 2d Lt., A. S. | Died of accident, December 9, 1918, Ellington Fid., Tex. |
| Doane, Hugh R. | Syracuse, N. Y. | Capt., Inf. | Killed in action, September 20, 1918. (A. E. F.) |
| Dodge, Gordon | New York City | 1st Lt., A. S. | Died of disease, October 2, 1918. (A. E. F.) |
| Dolan, James | Brooklyn, N. Y. | 1st Lt., Inf. | Died of disease, October 18, 1918, Columbia, S. C. |
| Donohue, Walter E. | New York City | 1st Lt., Eng. | Died of wounds, November 2, 1918. (A. E. F.) |
| Doolittle, Gilbert | Schenectady, N. Y. | 1st Lt., Inf. | Killed in action, September 25, 1918. (A. E. F.) |
| Doran, William E. | Brooklyn, N. Y. | 1st Lt., Q. M. C. | Died of disease, July 3, 1919, Ft. McPherson, Ga. |
| Doosher, Fabian W. | Brooklyn, N. Y. | 2nd Lt., Inf. | Killed in action, October 11, 1918. (A. E. F.) |
| Dose, Frederick C. | New York State | Capt., Inf., R. A. | Died of wounds, December 17, 1918. (A. E. F.) |
| Doty, Wm. D., Jr. | Rochester, N. Y. | 2nd Lt., Inf. | Killed in action, September 12, 1918. (A. E. F.) |
| Douglas, Allan W. | Buffalo, N. Y. | 1st Lt., F. A. | Killed in action, September 13, 1918. (A. E. F.) |
| Dowling, Patrick J. | New York City | 1st Lt., Inf. | Killed in action, July 29, 1918. (A. E. F.) |
| Dresler, Frita L. | Idlip, N. Y. | Capt., Q. M. C. | Died of disease, October 16, 1918. (A. E. F.) |
| Dudley, Carl A. | New York City | 2nd Lt., Inf. | Killed in action, September 15, 1918. (A. E. F.) |
| Dudley, William McK. | Roxbury, N. Y. | 2d Lt., A. S. A. | Died of disease, December 29, 1919, Yonkers, N. Y. |

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| Duff, Henry I. | Williamsbridge, N. Y. | 2nd Lt. Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Duffy, Charles A. | New York City | 2nd Lt. Inf. | Died of wounds, October 14, 1918. (A. E. F.) |
| Dwyer, William J. | Ft. Edward, N. Y. | 2nd Lt. Cav. | Died of disease, October 9, 1918, Douglas, Ariz. |
| Eay, Elmer S. | Port Chester, N. Y. | 2nd Lt. Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Egan, James B. | Brooklyn, N. Y. | 2nd Lt. Inf. | Killed in action, September 25, 1918. (A. E. F.) |
| Ellenberger, John T. | Middletown, N. Y. | 1st Lt. A. S. A. | Died of disease, October 5, 1918, West Point, Miss. |
| Ely, William S. | Rochester, N. Y. | 1st Lt. A. S. C. | Died from accident, January 2, 1918. (A. E. F.) |
| Emerson, William K. B. | New York City | 2nd Lt. F. A. | Killed in action, May 14, 1918. (A. E. F.) |
| Engels, Arthur L. | Woodhaven, N. Y. | 1st Lt. Inf. | Died of wounds, November 8, 1918. (A. E. F.) |
| Ennis, James S., Jr. | New York City | 2nd Lt. A. S. C. | Died from accident, May 2, 1918, Talaria Field, Tex. |
| Estein, William | New York City | 2nd Lt. Inf. | Killed in action, October 13, 1918. (A. E. F.) |
| Estep, Edwin B. | New York City | 1st Lt. Sig. Corps | Killed in action, November 7, 1918. (A. E. F.) |
| Evas, Elwood W. | New York City | Col. Cav. R. A. | Died of disease, July 24, 1917, Pueblo, Col. |
| Fahstock, Clarence | New York City | Maj. Inf. | Died of disease, October 5, 1918. (A. E. F.) |
| Fanning, Winthrop C. | New York State | 2nd Lt. A. S. | Died of disease, March 10, 1919. (A. E. F.) |
| Farrall, Michael J. | Whitestone, N. Y. | 1st Lt. Inf. | Died of disease, October 1, 1918. Camp Sherman, O. |
| Farron, Philip H. | Troy, N. Y. | 2nd Lt. A. S. A. | Died from accident, October 5, 1918, Dayton, Ohio. |
| Faust, Edward S. | Rochester, N. Y. | Capt. F. A. | Died, November 2, 1919, Big Moose Lake, N. Y. |
| Fawcett, Alfred H. | New York City | 2nd Lt. Inf. | Killed in action, November 11, 1918. (A. E. F.) |
| Feigl, Jefferson | Brooklyn, N. Y. | 2nd Lt. F. A. | Killed in action, March 21, 1918. (A. E. F.) |
| Felbel, Frank J. | New York City | 2nd Lt. Inf. | Killed in action, October 12, 1918. (A. E. F.) |
| Felter, Earl B. | New York City | 1st Lt. Inf. | Killed in action, September 14, 1918. (A. E. F.) |
| Ferris, Earl H. | Brooklyn, N. Y. | 2nd Lt. Inf. | Died, May 3, 1919. (A. E. F.) |
| Fischer, Frederick M. | New York City | (2nd Lt. C. A. C.) 1st Lt. | Died of disease, October 10, 1918, Olongapo, M. C. A. C. |
| Fischer, John R. | Cold Springs, N. Y. | 1st Lt. M. C. | (R. A.) |
| Fiske, Harold | Rockville Center, N. Y. | 2nd Lt. Inf. | Died of disease, October 31, 1918, Ft. Bayard, N. M. |
| Fisher, Minor G. | New York State | 2nd Lt. Cav. R. A. | Killed in action, October 8, 1918. (A. E. F.) |
| Fitzgerald, John J. | New York City | 1st Lt. A. S. C. | Died of disease, February 4, 1918, Ft. Leavenworth, Kan. |
| Flate, Walter C. | New York City | 2nd Lt. Inf. | Died of disease, October 30, 1918, Ft. S. Houston, Tex. |
| Fletcher, Lee C. | Wellburg, N. Y. | 1st Lt. Inf. | Killed in action, May 4, 1918. (A. E. F.) |
| Fletcher, Roland E. | Mt. Vernon, N. Y. | 1st Lt. D. C. | Killed in action, September 8, 1918. (A. E. F.) |
| Forman, Horace B. | Kitchawan, N. Y. | 2nd Lt. A. S. C. | Died of disease, December 21, 1918, Ft. Oglethorpe, Ga. |
| Forster, Frederick A. | New York City | 2nd Lt. Inf. | Died from accident, September 14, 1918. (A. E. F.) |
| Forster, Lynn H. | Buffalo, N. Y. | 1st Lt. A. S. | Drowned, October 5, 1917, Oakdale, L. I. N. Y. |
| Forster, Hamilton K. | Buffalo, N. Y. | Capt. Inf. | Killed in action, September 2, 1918. (A. E. F.) |
| Fowler, Charles A., Jr. | New York City | Capt. Inf. | Killed in action, October 11, 1918. (A. E. F.) |
| Fox, Raymond F. | Great Neck, N. Y. | 1st Lt. A. S. | Killed in action, October 1, 1918. (A. E. F.) |
| France, Howard J. | Buffalo, N. Y. | 1st Lt. A. S. C. | Killed in action, October 1, 1918. (A. E. F.) |
| Frankmont, Edward L. | Buffalo, N. Y. | 2nd Lt. A. S. A. | Drowned, April 24, 1918, Gatun Lake, C. Z. |
| Franklin, Spencer | New York City | Capt. M. C. | Died of disease, April 24, 1918, Gatun Lake, C. Z. |
| Freiberg, Hyman H. | New York City | 2nd Lt. Inf. | Died of disease, July 21, 1918, Waynesville, N. C. |
| Frye, Abram R. | New York City | 2nd Lt. A. S. C. | Killed in action, August 9, 1918. (A. E. F.) |
| Frye, Edward W. | Brooklyn, N. Y. | 2nd Lt. Inf. | Died from accident, July 9, 1918. (A. E. F.) |
| Fuller, William H. | Brooklyn, N. Y. | 1st Lt. Inf. | Killed in action, August 9, 1918. (A. E. F.) |
| Furman, Edgar I. | Subaquatic, N. Y. | 1st Lt. Inf. | Died of disease, October 6, 1918. (A. E. F.) |
| Galbraith, James S. | Hudson Falls, N. Y. | 2nd Lt. A. S. A. | Died of disease, April 7, 1919, New York City. |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death | Square |
|---------------------------|-------------------------|---|---|--------|
| Gallagher, Charles H. | Ithaca, N. Y. | Capt., M. C. | Died of disease, August 28, 1918. (A. E. F.) | |
| Gallagher, Walter V. | New York State | Lt. Col., Inf. (Capt., Inf.), R. A. | Died of disease, October 21, 1918. (A. E. F.) | |
| Galloway, Judson V. | Newburg, N. Y. | 1st Lt., Inf. | Died of disease, June 6, 1918. (A. E. F.) | |
| Gard, Edwin, S., Jr. | New York City | 1st Lt., Inf. | Killed in action, August 17, 1918. (A. E. F.) | |
| Gardner, Alfred W. | New York City | 2nd Lt., Inf. | Killed in action, October 3, 1918. (A. E. F.) | |
| Garnsey, Arlo E. | White Plains, N. Y. | 2nd Lt., A. S. | Died of disease, October 11, 1918. (A. E. F.) | |
| Garnsey, Cyrus 3rd. | Sonoma Falls, N. Y. | 2nd Lt., F. A. | Killed in action, September 30, 1918. (A. E. F.) | |
| Gaskill, Ellsworth F. | New York City | 2nd Lt., A. S. A. | Died from accident, November 20, 1918, Hamilton Square, N. J. | |
| Getman, James E. | Rochester, N. Y. | 2nd Lt., Inf. | Died from wounds, November 7, 1918. (A. E. F.) | |
| Gibbs, Harry D. | Mt. Vernon, N. Y. | 1st Lt., Inf. | Killed in action, November 4, 1918. (A. E. F.) | |
| Gill, Harry D. | New York City | Major, V. C. | Died of disease, October 3, 1918, Waynesville, N. C. | |
| Gill, Robert S. | New York City | Capt., Inf. | Died from wounds, September 23, 1918. (A. E. F.) | |
| Gillman, Walter E. | Flushing, N. Y. | Capt., Inf. | Killed in action, September 4, 1918. (A. E. F.) | |
| Gillman, Patrick, J. | New York City | 2nd Lt., Inf. | Killed in action, October 10, 1918. (A. E. F.) | |
| Gilson, Proctor C. | De Kalb Junction, N. Y. | 1st Lt., Inf. | Killed in action, July 8, 1918. (A. E. F.) | |
| Gitchell, Edward B. | New York City | Capt., Ord. | Died of disease, November 18, 1918, Metuchen, N. J. | |
| Glover, Edmund P. | New York City | 2nd Lt., Q. M. C. | Died of wounds, April 11, 1918. (A. E. F.) | |
| Goodwin, George W. | Fishers Island, N. Y. | 2nd Lt., A. S. C. | Drowned, October 4, 1918, at sea. | |
| Gracie, William B. | New York State | Lt. Col., Q. M. C. (Maj., Inf.), R. A. | Died from accident, July 15, 1918. (A. E. F.) | |
| Graham, Edward F. | New York City | 2nd Lt., F. A. | Died of disease, October 26, 1919, Boston, Mass. | |
| Graham, James B. | Montgomery, N. Y. | 1st Lt., Inf. | Died from accident, August 22, 1918. (A. E. F.) | |
| Graham, John B. | New York City | 2nd Lt., Inf. | Died of disease, February 5, 1918, Waco, Tex. | |
| Granberg, Arthur E. | Brooklyn, N. Y. | 1st Lt., C. A. C. | Died of wounds, April 1, 1918. (A. E. F.) | |
| Grant, Duncan R. | Mincola, N. Y. | 2nd Lt., A. S. C. | Died of disease, November 1, 1918. (A. E. F.) | |
| Grant, Edward L. | New York City | Capt., Inf. | Died from accident, May 31, 1918. (A. E. F.) | |
| Grant, Harry J. | Albany, N. Y. | 1st Lt., Inf. | Killed in action, October 9, 1918. (A. E. F.) | |
| Greene, Calvin | New York City | 2nd Lt., A. S. C. | Died of wounds, August 13, 1918. (A. E. F.) | |
| Greenough, Ernest A. | New York State | (Col., Q. M. C.) Maj., C. A. C. (R. A.) | Died from accident, November 22, 1918. (A. E. F.) | |
| Greenwood, Samuel A., Jr. | Niagara Falls, N. Y. | 2nd Lt., A. S. | Died of disease, September 4, 1918, San Francisco, Cal. | |
| Gregory, Gordon C. | New York City | 1st Lt., Inf. | Died from accident, August 11, 1918. (A. E. F.) | |
| Griffith, Lewis T. | New York City | Lt. Col., M. C. | Died from wounds, October 15, 1918. (A. E. F.) | |
| Groesbeck, Herbert, Jr. | New York City | 1st Lt., Inf. | Died, April 8, 1919. (A. E. F.) | |
| Groser, Leslie H. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, November 1, 1918. (A. E. F.) | |
| Gundlach, Henry W. | New York City | 2nd Lt., Inf. | Killed in action, June 6, 1918. (A. E. F.) | |
| Haen, Arthur G. | Rhinebeck, N. Y. | 2nd Lt., A. S. A. | Killed in action, August 11, 1918. (A. E. F.) | |
| Hagdon, Charles B. | New York State | Col., Inf. (R. A.) | Died of disease, December 23, 1918, Garden City, N. Y. | |
| Hagdon, Leland J. | Orleans, N. Y. | 1st Lt., A. S. C. | Died, October 8, 1918, Camp Grant, Ill. | |
| Hager, Luther A. | New York City | Capt., Signal Corps | Died from accident, February 23, 1918. (A. E. F.) | |
| Hallack, Roy E. | Brooklyn, N. Y. | Capt., A. S. | Died from disease, December 27, 1918, Mont Clair, N. J. | |

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| Hamilton, Ohio. | New Rochelle, N. Y. | 1st Lt. Inf. | Killed in action, October 6, 1918. (A. E. F.) |
| Hamm, Arthur E. | West Hampton Beach, N. Y. | Capt. Inf. | Killed in action, September 14, 1918. (A. E. F.) |
| Hammond, Benjamin T. | New York City | 1st Lt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Hanbridge, Francis F. | Ogdensburg, N. Y. | 1st Lt. M. C. | Died of disease, January 31, 1918. (A. E. F.) |
| Hand, Jesse D. | New York City | 1st Lt. M. C. | Died of disease, November 24, 1918. (A. E. F.) |
| Hardy, John C. | Brooklyn, N. Y. | Capt. Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Harkins, Matthew J. | New York City | 1st Lt. Inf. | Killed in action, October 15, 1918. (A. E. F.) |
| Harris, Thomas A. E. | New York City | 1st Lt. Inf. | Died of wounds, September 6, 1918. (A. E. F.) |
| Haakell, Lorenzo O. | White Plains, N. Y. | 2nd Lt. Inf. | Died of disease, August 31, 1917. Saranac Lake, N. Y. |
| Haasinger, Philip E. | Mt. Vernon, N. Y. | 1st Lt. A. S. C. | Died from accident, September 14, 1918. (A. E. F.) |
| Hastings, Thomas W. | New York City | Capt. Inf. | Died, February 26, 1919. (A. E. F.) |
| Hawkinson, Howard E. | Syracuse, N. Y. | Capt. Inf. | Killed in action, October 8, 1918. (A. E. F.) |
| Hayward, Harry W. | New York City | Capt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Healy, Jefferson A. | New York City | Capt. Inf. | Died of wounds, August 11, 1918. (A. E. F.) |
| Heckman, Walter E. | New York City | 1st Lt. Inf. | Killed in action, October 22, 1918. (A. E. F.) |
| Hegerty, John L. | Mt. Vernon, N. Y. | 2nd Lt. A. S. C. | Died from accident, June 7, 1918. Lake Charles, La. |
| Hellman, Carl A. | New Dorn, N. Y. | Capt. Eng. | Died from disease, July 12, 1918. Norfolk, Va. |
| Henderson, George E. | New York State | Capt. Inf. (1st Lt. Inf.) R. A. | Died of disease, January 29, 1919. (A. E. F.) |
| Henel, William Jr. | Brooklyn, N. Y. | Capt. M. C. | Died of disease, February 12, 1919. (A. E. F.) |
| Henry, Clifford W. | New York City | 2nd Lt. A. S. C. | Died of wounds, October 5, 1918. (A. E. F.) |
| Hever, William J. | New York City | 2nd Lt. Inf. | Died of wounds, October 17, 1918. (A. E. F.) |
| Hicks, John R. | New Brighton, N. Y. | Major, M. C. | Died from accident, January 3, 1919. (A. E. F.) |
| Hinde, Elliot P. | Niagara Falls, N. Y. | Capt. A. S. C. | Died from accident, June 24, 1918. (A. E. F.) |
| Hitchcock, Roger W. | New York City | 2nd Lt. A. S. | Killed in action, September 2, 1918. (A. E. F.) |
| Hoadley, Sheldon E. | New York City | 1st Lt. A. | Killed in action, October 13, 1918. (A. E. F.) |
| Hobbs, Austin L. | New York City | 1st Lt. M. C. | Died of disease, September 28, 1918. (A. E. F.) |
| Hochstein, David | Rochester, N. Y. | 2nd Lt. Inf. | Killed in action, October 12, 1918. (A. E. F.) |
| Hofman, James J. | New York City | 2nd Lt. A. S. A. | Died of disease, September 21, 1918. (A. E. F.) |
| Hogel, Milton H. Jr. | New York City | 2nd Lt. A. S. A. | Died of disease, January 29, 1919. Ellington Field, Tex. |
| Hollborn, Clarence E. | Brooklyn, N. Y. | 2nd Lt. A. S. A. | Died from accident, December 3, 1918. Call Field, Tex. |
| Holden, Ernest H. | New York City | 2nd Lt. Inf. | Killed in action, November 11, 1918. (A. E. F.) |
| Holm, Nils | Brooklyn, N. Y. | 2nd Lt. Inf. | Killed in action, October 31, 1918. (A. E. F.) |
| Holsman, Martin M. | New York City | 1st Lt. M. C. | Died of disease, October 20, 1918. Ft. Oglethorpe, Ga. |
| Hook, Alfred J. | Brooklyn, N. Y. | 2nd Lt. Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Hooker, James L. | Watertown, N. Y. | 2nd Lt. Q. M. C. | Died, August 3, 1918. Camp Johnston, Fla. |
| Hornbeck, Harrison E. | Yonkers, N. Y. | 1st Lt. Inf. | Killed in action, July 18, 1918. (A. E. F.) |
| Horning, De Forrest A. | Pennellville, N. Y. | 1st Lt. A. S. A. | Died of disease, December 10, 1918. Ft. Omaha, Neb. |
| Horton, Harding P. | Ithaca, N. Y. | 2nd Lt. Inf. | Killed in action, October 10, 1918. (A. E. F.) |
| Hovter, Clarence E. | New York City | 1st Lt. San Corps | Died of disease, October 28, 1918. (A. E. F.) |
| Howard, George | Holland Falls, N. Y. | 2nd Lt. Inf. | Died of wounds, November 13, 1918. (A. E. F.) |
| Howard, George L. | Malvern, N. Y. | 1st Lt. Inf. | Died of wounds, August 12, 1918. (A. E. F.) |
| Hoyt, Francis B. | New York City | 1st Lt. M. C. | Died of disease, December 28, 1918. (A. E. F.) |
| Hughes, Clifford E. | Gainesville, N. Y. | Capt. Inf. | Died of wounds, October 24, 1918. (A. E. F.) |
| Hunerford, Joseph D. | New York State | Capt. Cav. (R. A.) | Killed in action, August 27, 1918. Nogales, Ariz. |
| Imbrie, Harold | New York City | 1st Lt. A. S. C. | Died of disease, April 25, 1918. Wichita Falls, Tex. |
| Irish, Eugene J. | Auburn, N. Y. | 2nd Lt. Inf. | Killed in action, September 15, 1918. (A. E. F.) |
| Jaburek, Charles C. | New York City | Capt. Inf. | Died from accident, July 12, 1919. Camp Humphreys, Va. |
| Jackson, David R. | Carrollton, N. Y. | 1st Lt. A. S. C. | Died from accident, January 17, 1918. Lake Charles, La. |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
|-----------------------|------------------------|-------------------------------------|---|
| Jackson, Franklin J. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Johnson, Oliver P. | Buffalo, N. Y. | 2nd Lt., A. S. C. | Died from accident, October 29, 1918, Mt. Clemens, Mich. (A. E. F.) |
| Jacoby, Harold J. | Niagara Falls, N. Y. | 1st Lt., Inf. | Died from wounds, October 22, 1918. (A. E. F.) |
| Jagger, Harvey R. | New York City | 2nd Lt., Sig. Corps. | Died from wounds, September 26, 1918. (A. E. F.) |
| Jaus, Raymond B. | New York State | 1st Lt., Inf. (2nd Lt., Inf.) R. A. | Killed in action, July 15, 1918. (A. E. F.) |
| Jennings, Allen H. | New York City | Capt., San. Corps. | Died from accident, December 15, 1918. Camp Shelby, Miss. |
| Joerg, Alfred N. | Brooklyn, N. Y. | 1st Lt., A. S. | Killed in action, July 25, 1918. (A. E. F.) |
| Johnson, George E. | Richmond Hill, N. Y. | 2nd Lt., A. S. C. | Died of disease; September 23, 1918, Richmond Hill, L. I., N. Y. |
| Johnson, Orville P. | Albany, N. Y. | 2nd Lt., Inf. | Killed in action, July 18, 1918. (A. E. F.) |
| Johnstone, Malcolm M. | New York City | 1st Lt., Eng. | Killed in action, June 3, 1918. (A. E. F.) |
| Jones, Arthur M. | New York City | 2nd Lt., Inf. | Died from accident, December 6, 1917, Washington, D. C. |
| Jones, Walter S. | Buffalo, N. Y. | 1st Lt., Inf. | Killed in action, September 26, 1918. (A. E. F.) |
| Joyce, Whitney H. | Unadilla, N. Y. | 1st Lt., M. C. | Died of wounds, May 17, 1918. (A. E. F.) |
| Kaemmerer, Gordon | New York State | 1st Lt., Inf. (2nd Lt., Inf.) R. A. | Killed in action, June 6, 1918. (A. E. F.) |
| Kanter, Benjamin W. | Brooklyn, N. Y. | 2nd Lt., Inf. | Died of wounds, August 31, 1918. (A. E. F.) |
| Karpas, Morris J. | New York City | Major, M. C. | Died of disease, July 4, 1918. (A. E. F.) |
| Kearn, Lester W. | New York City | 2nd Lt., Inf. | Killed in action, August 31, 1918. (A. E. F.) |
| Keator, Frank | Kingston, N. Y. | Capt., M. C. | Died of disease, December 29, 1917, Kingston, N. Y. |
| Keegan, Charles H. | New York City | 2nd Lt., Eng. | Died of disease, November 5, 1918. (A. E. F.) |
| Keller, Arthur I. | New York City | 2nd Lt., Inf. | Killed in action, August 1, 1918. (A. E. F.) |
| Keller, Frederick W. | New York City | 2nd Lt., A. S. C. | Killed in action, June 17, 1918, Clarksdale, Miss. |
| Keller, Walter S. | Illion, N. Y. | Capt., Eng. | Killed in action, November 3, 1918. (A. E. F.) |
| Kelly, John A. | New York City | 2nd Lt., Inf. | Killed in action, September 17, 1918. (A. E. F.) |
| Kelly, John V. | North Tarrytown, N. Y. | Capt., Eng. | Died of disease, August 3, 1918, San Antonio, Tex. |
| Kelley, Louis F. | Buffalo, N. Y. | Chaplain, 1st Lt. | Died of disease, January 13, 1919, New York City. |
| Kenner, Jerome E. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, October 16, 1918. (A. E. F.) |
| Kendall, Robert E. | Buffalo, N. Y. | 1st Lt., Inf. | Died of disease, August 16, 1919, Fox Hills, N. Y. |
| Kennedy, Alva E. | New York City | 2d Lt., A. S. | Died from accident, October 12, 1918. (A. E. F.) |
| Kennedy, Paul L. | Hornell, N. Y. | 2d Lt., Inf. | Died of wounds, October 23, 1918. (A. E. F.) |
| Kenny, Henry J. | New York City | 1st Lt., A. S. C. | Killed in action, September 12, 1918. (A. E. F.) |
| Ker, David | Buffalo, N. Y. | 2d Lt., A. S. | Died from accident, July 11, 1918. (A. E. F.) |
| Kieran, Casper M. | New York City | 2d Lt., A. S. C. | Died from accident, March 8, 1919. (A. E. F.) |
| Kieran, Thomas, Jr. | Brooklyn, N. Y. | Major, Ord. | Died July 18, 1918, Aberdeen, Md. |
| Kings, Fred W. | Delhi, N. Y. | 2d Lt., Inf. | Killed in action, September 17, 1918. (A. E. F.) |
| Knapp, J. Carter | Forestville, N. Y. | 1st Lt., Inf. | Killed in action, October 24, 1918. (A. E. F.) |
| Knight, Frank H. | Brooklyn, N. Y. | Capt., M. C. | Died of disease, October 28, 1918. (A. E. F.) |
| Knights, Frank A. | Niagara Falls, N. Y. | 2d Lt., Inf. | Died of wounds, September 2, 1918. (A. E. F.) |
| Kristman, Albert L. | New York City | 1st Lt., D. C. | Died of disease, October 4, 1918, Camp Meade, Md. |
| Krinsky, Samuel E. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, September 7, 1918. (A. E. F.) |
| Kummer, Harry H. | Buffalo, N. Y. | 2d Lt., Inf. | Killed in action, October 16, 1918. (A. E. F.) |

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| Kupfer, Arnold E. | New York City | 3d Lt., A. S. | Died of disease, November 10, 1918. (A. E. F.) |
| Lamar, Edward J. | New York City | 1st Lt., F. A. | Died, July 12, 1919. (A. E. F.) |
| Landry, Joseph A. | Rouses Point, N. Y. | 1st Lt., Inf. | Killed in action, August 26, 1918. (A. E. F.) |
| Lauber, Michael F. | Saugerties, N. Y. | 2d Lt., Inf. | Died of disease, July 31, 1919, Camp Dix, N. J. |
| Lethrop, John E. | Conkners, N. Y. | 2d Lt., F. A. | Killed in action, September 29, 1918. (A. E. F.) |
| Lethrop, Louis H. | Pile, N. Y. | 2d Lt., F. A. | Died of disease, March 17, 1918. (A. E. F.) |
| Lederer, Louis J., Jr. | New York City | 1st Lt., Inf. | Killed in action, August 21, 1918. (A. E. F.) |
| Leibault, Edward N. | Fulton, N. Y. | 1st Lt., Inf. | Died of wounds, October 12, 1918. (A. E. F.) |
| Leonard, Howard G. | Brooklyn, N. Y. | 1st Lt., Inf. | Died of disease, September 9, 1918. (A. E. F.) |
| Lewis, Samuel | New York City | 1st Lt., F. A. | Killed in action, August 28, 1918. (A. E. F.) |
| Liss, Harry M. | New York City | 1st Lt., Inf. | Died of disease, October 19, 1918. (A. E. F.) |
| Liebmann, Morris N. | Syracuse, N. Y. | Lt. Col., Inf. | Killed in action, August 6, 1918. (A. E. F.) |
| Lightball, Philip K. | New York City | Capt., Eng. | Drowned, February 6, 1918, At Sea. |
| Lilly, John L. | Albany, N. Y. | 1st Lt., A. S. C. | Died of disease, October 6, 1918, Washington, D. C. |
| Link, Stephen J. | Utica, N. Y. | 1st Lt., Inf. | Died of disease, September 20, 1918. (A. E. F.) |
| Little, Edwin C., Jr. | New York State | 1st Lt., A. S. C. | Died from accident, October 22, 1918, Park Pld., Tenn. |
| Littlebraut, William T. | Brooklyn, N. Y. | Col., Cav., R. A. | Died of disease, July 2, 1919, Camp McClellan, Ala. |
| Llewellyn, Robert C. | Lockport, N. Y. | 1st Lt., T. C. | Killed in action, October 5, 1918. (A. E. F.) |
| Lockwood, Glenn F. | New York City | 1st Lt., Cav. | Died of disease, November 6, 1918, Douglas, Ariz. |
| Loque, Quentin R. | New York State | 2d Lt., Inf. | Killed in action, June 9, 1918. (A. E. F.) |
| Long, Frank S. | Buffalo, N. Y. | 1st Lt., Inf., R. A. | Killed in action, October 5, 1918. (A. E. F.) |
| Lothrop, Thompson | Brooklyn, N. Y. | 1st Lt., Q. M. C. | Died of disease, October 12, 1918, Cleveland, Ohio. |
| Lovell, Lawrence C. | Brooklyn, N. Y. | 1st Lt., A. S. C. | Died from accident, June 29, 1918. (A. E. F.) |
| Labits, William M. | Brooklyn, N. Y. | 1st Lt., D. C. | Died of disease, October 11, 1918, Camp Dix, N. J. |
| Ludwig, Lloyd | Brooklyn, N. Y. | 2d Lt., A. S. C. | Died from accident, February 28, 1918. (A. E. F.) |
| Lyman, John B. | Alexandria Bay, N. Y. | 1st Lt., Inf. | Killed in action, October 3, 1918. (A. E. F.) |
| McArthur, John | Buffalo, N. Y. | 2d Lt., A. S. C. | Died of wounds, August 9, 1918, Germany. |
| McBride, Allen J. | New York City | 1st Lt., Inf. | Killed in action, September 28, 1918. (A. E. F.) |
| McCarthy, Joseph P. | Buffalo, N. Y. | 2d Lt., Q. M. C. | Died of disease, September 28, 1918. (A. E. F.) |
| McCarthy, Walter R. | Rochester, N. Y. | 2d Lt., A. S. C. | Died of disease, September 20, 1918. (A. E. F.) |
| McClain, Robert W. | Pelham, N. Y. | 2d Lt., A. S. A. | Died of disease, Jefferson City, Mo., December 16, 1918. |
| McConnell, John W. | Valatie, N. Y. | 2d Lt., Inf. | Killed in action, August 26, 1918. (A. E. F.) |
| McConnell, Frank J. | Richmond Hill, N. Y. | 2d Lt., F. A. | Died of wounds, July 22, 1918. (A. E. F.) |
| McConnell, James | Syracuse, N. Y. | 2d Lt., Inf. | Died of disease, July 23, 1918. (A. E. F.) |
| McCord, Archie | Long Island, N. Y. | 2d Lt., Inf. | Died of disease, October 5, 1918, Camp Beauregard, La. |
| McCormick, Scott | New York City | 2d Lt., Inf. | Died from accident, January 17, 1918. (A. E. F.) |
| McCreery, Frank P. | Port Washington, N. Y. | 1st Lt., A. S. C. | Died of disease, October 6, 1918, North Sutton, N. H. |
| McCreery, Sidney F. | New York City | 2d Lt., A. S. C. | Died of disease, October 8, 1918. (A. E. F.) |
| McGrain, Edward O. | Auburn, N. Y. | 1st Lt., Eng. | Died from accident, October 6, 1919, Hoboken, N. J. |
| Mellwaine, Morris H. | New York City | 2d Lt., Q. M. A. | Died from accident, September 18, 1918, Keller, Tex. |
| McKeever, James L. | New York City | 2d Lt., Inf. | Killed in action, July 28, 1918. (A. E. F.) |
| McKenna, James A., Jr. | New York City | Major | Died from accident, April 26, 1919. (A. E. F.) |
| McKinney, Oakley W. | Brooklyn, N. Y. | 2d Lt., A. S. | Died of disease, October 6, 1918, Ft. Riley, Kas. |
| McLaurin, William B. | New York State | Major Inf., Cap. Cav., B. A. | Died of disease, December 21, 1918, Rochester, N. Y. |
| McNab, Robert R. | Rochester, N. Y. | 2d Lt., Inf. | Died of wounds, August 5, 1918. (A. E. F.) |
| MacDonough, Joseph G. | Massachusetts, N. Y. | | |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
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| Maschek, William J. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, October 15, 1918. (A. E. F.) |
| Mackay, Harold G. | Buffalo, N. Y. | 1st Lt., Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Mashon, John P. | New York City. | 2d Lt., Inf. | Killed in action, November 3, 1918. (A. E. F.) |
| Mahn, Herbert A. | New York State. | Capt., Q. M. C., 2d Lt., Q. M. C. (R. A.) | Died of disease, February 8, 1918, Camp Lee, Va. |
| Maloy, James L. | Brooklyn, N. Y. | 2d Lt., Inf. | Died in action, September 27, 1918. (A. E. F.) |
| Manning, John S. | Brooklyn, N. Y. | Capt., Inf. | Died of wounds, July 25, 1918. (A. E. F.) |
| Mardley, Harry S. | New York City. | 1st Lt., M. C. | Died of disease, November 18, 1918, Camp Eustis, Va. |
| Markham, Robert B. | Turin, N. Y. | 2d Lt., A. S. C. | Died from accident, April 15, 1918, Kelly Field, Texas. |
| Markwich, Robert W. | Philadelphia, N. Y. | Capt., Inf. | Killed in action, October 25, 1918. (A. E. F.) |
| Marian, Ralph R. | Watertown, N. Y. | 1st Lt., Eng. | Killed in action, October 17, 1918. (A. E. F.) |
| Martin, Henry S. | Brooklyn, N. Y. | 1st Lt., A. S. C. | Died from accident, November 23, 1918. (A. E. F.) |
| Martin, Robert C. | Brooklyn, N. Y. | 2d Lt., Inf. | Died in action, October 28, 1918. (A. E. F.) |
| Mason, Joseph J. | New York City. | 2d Lt., A. S. C. | Died from accident, July 19, 1918. (A. E. F.) |
| Mathews, Richard P. | New York City. | 1st Lt., A. S. C. | Died in action, Sept. 26, 1918. (A. E. F.) |
| Maurice, Benjamin V. | Manaroneck, N. Y. | 2d Lt., A. S. C. | Died from accident, May 13, 1918, Ellington Field, Texas. |
| Masson, Earl W. | Cambridge, N. Y. | 1st Lt., Inf. | Died in action, September 29, 1918. (A. E. F.) |
| May, James DeG. | New York City. | 1st Lt., A. S. C. | Died from wounds, May 9, 1918, Kelly Field, Texas. |
| Mead, Theodore F. | New York City. | Capt., M. C. | Died from disease, October 30, 1918. (A. E. F.) |
| Meade, Francis L. | New York City. | 2d Lt., Inf. | Died from disease, November 5, 1919, Fox Hills, N. Y. |
| Merkel, Louis J. | New York City. | 1st Lt., A. S. C. | Died from accident, August 10, 1918, Camp Alfred Hall, N. J. |
| Mickley, Harold P. | Seneca Falls, N. Y. | 2d Lt., A. S. C. | Died of disease, March 16, 1918. (A. E. F.) |
| Miller, George N., Jr. | New York City. | 2d Lt., M. C. | Died of disease, March 27, 1919. (A. E. F.) |
| Miller, James E. | New York City. | 2d Lt., A. S. C. | Killed in action, March 9, 1918. (A. E. F.) |
| Mills, Adelbert P. | Ithaca, N. Y. | Capt., Eng. | Died of disease, October 20, 1918. (A. E. F.) |
| Mills, Harold C. | Troy, N. Y. | 2d Lt., Inf. | Died from wounds, June 17, 1918. (A. E. F.) |
| Mills, Philip C. | New York City. | Capt., Inf. | Died from wounds, July 25, 1918. (A. E. F.) |
| Mills, Quincy S. | New York City. | 2d Lt., Inf. | Killed in action, November 10, 1918. (A. E. F.) |
| Millsbaugh, Kenneth R. | Newburgh, N. Y. | 1st Lt., Eng. | Died from wounds, October 18, 1918. (A. E. F.) |
| Minton, Charles A. | New York City. | 1st Lt., Inf. | Died from accident, July 6, 1918, Gerstner Field, La. |
| Mitchell, John P. | New York City. | Major, A. S. C. | Died of disease, October 6, 1918. (A. E. F.) |
| Mitchell, John E. | Cedarhurst, N. Y. | 2d Lt., Inf. | Died of disease, February 22, 1919. (A. E. F.) |
| Modes, Frederick A. | Jamaica, N. Y. | Capt., Sig. Ops. | Died of disease, November 5, 1918. (A. E. F.) |
| Montague, Danforth | New York City. | 1st Lt., A. | Died from wounds, March 26, 1918. (A. E. F.) |
| Mooney, Edward L. | Syracuse, N. Y. | 2d Lt., M. C. | Died from accident, April 25, 1919. (A. E. F.) |
| Moore, Charles C. | New York City. | 1st Lt., A. | Died from disease, November 23, 1918. (A. E. F.) |
| Moore, Henry T. | New York City. | 2d Lt., F. A. | Died May 4, 1919. (A. E. F.) |
| Moran, John J. | Parishville, N. Y. | 1st Lt., Inf. | Killed in action, April 12, 1918. (A. E. F.) |
| Morgan, Harold S. | Parishville, N. Y. | 1st Lt., Inf. | Died January 12, 1919. (A. E. F.) |
| Morris, Jesse B. | New York City. | 1st Lt., M. C. | Died from wounds, July 19, 1918. (A. E. F.) |
| Morrison, John S. | Blue Point, N. Y. | 2d Lt., Inf. | Died from accident, May 22, 1918. (A. E. F.) |
| Mortimer, Richard, Jr. | Tuscarora Park, N. Y. | 1st Lt., A. S. C. | Killed in action, May 26, 1918. (A. E. F.) |
| Mosher, Henry E. | New York State. | Capt., Inf. (1st Lt., Inf.), R. A. | |

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| Munson, James F. | Source, N. Y. | Capt. M. C. | Died of disease, October 25, 1918, Plattsburg, N. Y. |
| Murphy, John O. | Mt. Vernon, N. Y. | 2d Lt. Inf. | Killed in action, November 5, 1918, (A. E. F.) |
| Murray, Charles F. A. | Rochester, N. Y. | 2d Lt. Inf. | Died from wounds, October 5, 1918, (A. E. F.) |
| Murray, James B. | Utica, N. Y. | 2d Lt. A. S. A. | Died of disease, November 8, 1918, Detroit, Mich. |
| Murray, Kenneth P. | New York State | 2d Lt. Inf. (R. A.) | Died from wounds, July 15, 1918, (A. E. F.) |
| Murray, William F. | Brooklyn, N. Y. | Capt. Inf. | Died March 24, 1919, Chicago, Ill. |
| Murrough, John F. | Elmira, N. Y. | Major J. A. G. | Died from accident, December 1, 1918, New York City. |
| Naughton, Harold L. | Watson, N. Y. | Capt. Inf. A. G. | Died from wounds, October 17, 1918, (A. E. F.) |
| Newcomb, Bedell, M. | New York City | 2d Lt. A. S. A. | Died from accident, September 15, 1918, (A. E. F.) |
| Newcomb, William W. | Prairieville, N. Y. | Capt. Ord. | Died of disease, October 9, 1918, (A. E. F.) |
| Nicoll, Francher | Brooklyn, N. Y. | 1st Lt. Inf. | Killed in action, September 29, 1918, (A. E. F.) |
| Noble, Heath E. | Brooklyn, N. Y. | Capt. Ord. | Died from wounds, July 29, 1918, (A. E. F.) |
| Noble, Raymond H. | Brooklyn, N. Y. | 2d Lt. M. C. | Died of disease, October 13, 1918, Washington, D. C. |
| Nolan, Frank A. | Saratoga Springs, N. Y. | 1st Lt. Inf. | Died of disease, October 9, 1918, (A. E. F.) |
| Nolan, Martin F. | Hampton, N. Y. | 2d Lt. Inf. | Killed in action, October 8, 1918, (A. E. F.) |
| Noon, Alfred E. | Hampton, N. Y. | 2d Lt. Inf. | Killed in action, August 26, 1918, (A. E. F.) |
| O'Brien, John C. | Hampton, N. Y. | 2d Lt. Inf. | Died of wounds, October 12, 1918, (A. E. F.) |
| O'Brien, Thomas A. | Hampton, N. Y. | 2d Lt. Inf. | Died from accident, July 12, 1919, Little Rock, Ark. |
| O'Connor, William F. | Hampton, N. Y. | 2d Lt. Inf. | Killed in action, July 21, 1918, (A. E. F.) |
| O'Dowd, Dennis H. | Hampton, N. Y. | 2d Lt. Inf. | Died from wounds, October 1, 1918, (A. E. F.) |
| Olausen, Jay H. | Hampton, N. Y. | 2d Lt. Inf. | Died from wounds, October 2, 1918, (A. E. F.) |
| Oliver, Clarence R. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Ostlein, Mathew F. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| O'Neale, James S. Jr. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Orchard, William E. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Ornstein, Albert J. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Oser, Thomas H. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Oetberg, Charles G. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Orington, Carter L. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Page, David S. Jr. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Palmer, Keene M. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Patten, John A. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Payne, De Witt J. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Peabody, Marshall G. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Pearl, Herbert W. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Penny, James J. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Peters, Edward McC. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Peterson, Louis | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Peterson, Rudolph E. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Phelan, Richard | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Phelps, John C. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Philippeaux, George C. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Pickett, Norman O. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Pinkus, Irving J. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Platt, Lawrence H. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Plampton, Chester H. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Plummer, Louis F. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Folk, Latham | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |
| Fond, Richard E. | Hampton, N. Y. | 2d Lt. Inf. | Died of disease, December 4, 1918, (A. E. F.) |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
|---------------------------|-------------------------|------------------------------------|--|
| Porter, James J. | New York City | 2d Lt., Inf. | Killed in action, October 6, 1918. (A. E. F.) |
| Porter, Wilfred W., Jr. | Syracuse, N. Y. | 1st Lt., Inf. | Died August 20, 1918. (A. E. F.) |
| Post, Isaac | New York City | Capt., S. C. | Died of disease, April 2, 1918. Little Silver, N. J. |
| Potter, Edward E. | Plattsburg, N. Y. | 1st Lt., A. S. C. | Died from accident, August 1, 1918. (A. E. F.) |
| Potter, Sanford H. | Buffalo, N. Y. | 2d Lt., F. A. | Died of disease, October 17, 1918. Camp Taylor, Ky. |
| Pouch, Harold P. | New Brighton, N. Y. | 2d Lt., Inf. | Died from wounds, October 15, 1918. (A. E. F.) |
| Preston, Allan H. | Elmira, N. Y. | 2d Lt., F. A. | Died of disease, October 21, 1918. Camp Taylor, Ky. |
| Preston, Harry C. | New York City | 1st Lt., A. S. A. | Killed in action, September 28, 1918. (A. E. F.) |
| Pursh, Albert E., Jr. | New York State | 1st Lt., Inf. R. A. | Killed in action, July 18, 1918. (A. E. F.) |
| Rand, George E. | Lawrence, N. Y. | 1st Lt., A. S. C. | Died February 6, 1918. (A. E. F.) |
| Ranin, Herbert | Albany, N. Y. | Capt., C. A. C. | Died of disease, October 10, 1918. at sea. |
| Rausch, Robert | New York City | 1st Lt., Inf. | Killed in action, October 4, 1918. (A. E. F.) |
| Raven, Richard M. | Bay Shore, N. Y. | 1st Lt., Inf. | Killed in action, October 18, 1918. (A. E. F.) |
| Raymond, Harry J. | Brooklyn, N. Y. | 2d Lt., C. A. C. | Died of disease, October 20, 1918. (A. E. F.) |
| Reid, Stephen J. H. | Schenectady, N. Y. | Capt., F. A. | Killed in action, October 3, 1918. (A. E. F.) |
| Reid, Samuel J., Jr. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, August 22, 1918. (A. E. F.) |
| Reid, William R. | New York City | 1st Lt., F. A. | Killed in action, August 22, 1918. (A. E. F.) |
| Reynolds, Matthew G., Jr. | New York City | 1st Lt., F. A. | Died of disease, January 5, 1919. (A. E. F.) |
| Rhineander, Philip N. | Lawrence, N. Y. | 1st Lt., A. S. | Killed in action, September 28, 1918. (A. E. F.) |
| Rice, Victor M. | Batavia, N. Y. | Capt., M. C. | Died of disease, September 13, 1918. Ft. Oglethorpe, Ga. |
| Rice, William M. | Auburn, N. Y. | 2d Lt., A. S. C. | Died from wounds, October 2, 1918. (A. E. F.) |
| Rippert, Clarence | Long Island City, N. Y. | 1st Lt., Inf. | Died of disease, January 22, 1919. (A. E. F.) |
| Roberts, Francis M. | Watertown, N. Y. | 2d Lt., A. S. C. | Died from accident, June 20, 1918. Payne Field, Texas. |
| Robinson, Arthur W. | Richmond Hill, N. Y. | 2d Lt., P. A. | Died from accident, February 20, 1918. (A. E. F.) |
| Robinson, Harry | Elmira, N. Y. | 2d Lt., Inf. | Killed in action, September 20, 1918. (A. E. F.) |
| Rooy, Charles | Solvay, N. Y. | 2d Lt., Inf. | Died in action, October 5, 1918. (A. E. F.) |
| Rockwood, Richard B. | Brooklyn, N. Y. | 1st Lt., A. S. S. C. | Died from wounds, September 28, 1918. (A. E. F.) |
| Rogers, Newton C. | Chautauque, N. Y. | 1st Lt., Inf. | Killed in action, September 18, 1918. (A. E. F.) |
| Roos, James J. | Buffalo, N. Y. | 1st Lt., Inf. | Killed in action, October 18, 1918. (A. E. F.) |
| Roosevelt, James A. | New York City | 1st Lt., A. S. C. | Died of disease, March 26, 1919. at sea. |
| Rose, Philip L. | Oyster Bay, N. Y. | 2d Lt., A. S. C. | Killed in action, July 14, 1918. (A. E. F.) |
| Rose, Philip L. | New York City | 1st Lt., M. C. | Died in action, October 5, 1918. (A. E. F.) |
| Rosenthal, Joseph D. | Brooklyn, N. Y. | Capt., Inf. M. C. | Died of disease, October 22, 1918. (A. E. F.) |
| Ross, Harold G. | Yonkers, N. Y. | Capt., Inf. M. C. | Killed in action, September 17, 1918. (A. E. F.) |
| Ross, James G. | New York City | Capt., Inf. M. C. | Died of disease, November 19, 1919. Ft. McHenry, Md. |
| Rossell, Charles L. | New York State | Capt., Inf. 1st Lt., Inf. R. A. | Died of wounds, October 13, 1918. (A. E. F.) |
| Roussau, Zouque | Brooklyn, N. Y. | 2d Lt., Inf. | Died from accident, March 20, 1917. Watervliet, N. Y. |
| Roubek, Frederick W. | Brooklyn, N. Y. | 2d Lt., Inf. | Died of disease, December 27, 1918. (A. E. F.) |
| Rubel, Solomon | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Ruckin, Gilbert P. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, July 20, 1918. (A. E. F.) |
| Ryan, John M. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, September 26, 1918. (A. E. F.) |
| Ryan, William T. | New York City | 2d Lt., A. S. C. | Died of disease, October 16, 1918. Washington, D. C. |
| Sackett, George W. | New York State | Capt., Inf. 1st Lt., Inf. R. A. | Killed in action, October 13, 1918. (A. E. F.) |
| Sanderson, Mortimer | New York State | 1st Lt., D. C. (Maj.), D. C. R. A. | Died of disease, July 30, 1918. Deming, N. M. |

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|------------------------|--------------------------|-------------------------------------|---|
| Sanger, Ralph | New York City | Capt., A. S. C. | Died from accident, August 29, 1918. (A. E. F.) |
| Satterlee, Edward B. | New York City | Capt., Sig. Cps. | Died of disease, December 4, 1918. (A. E. F.) |
| Scanlan, Horace B. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Schenck, Gordon L. | Brooklyn, N. Y. | 2d Lt., Inf. | Killed in action, October 8, 1918. (A. E. F.) |
| Schilling, Franz F. | Schenectady, N. Y. | 1st Lt., A. S. | Killed in action, July 2, 1918. (A. E. F.) |
| Schlosser, Arthur L. | Buffalo, N. Y. | Capt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Schneider, Benjamin | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, November 10, 1918. (A. E. F.) |
| Schreder, Goodman | Hopewell Junction, N. Y. | 2d Lt., A. S. | Died from accident, December 21, 1918. Vancouver, Wash. |
| Schreiber, Edwin B. | Pattersonville, N. Y. | 2d Lt., A. S. | Died from accident, August 8, 1918. (A. E. F.) |
| Schuyler, Roy A. | New York City | 1st Lt., Inf. | Killed in action, September 26, 1918. (A. E. F.) |
| Schwab, Stephen M. | New York City | 1st Lt., Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Schwartz, Sydney U. | New York City | 2d Lt., Inf. | Killed in action, October 9, 1918. (A. E. F.) |
| Seobell, Henry J. | Cape Vincent, N. Y. | 2d Lt., Inf. | Died of wounds, November 15, 1918. (A. E. F.) |
| Scott, Fay M. | Buffalo, N. Y. | 1st Lt., Inf. | Killed in action, November 1, 1918. (A. E. F.) |
| Scudder, Philip J. | Halesiter, N. Y. | 1st Lt., Inf. | Killed in action, August 26, 1918. (A. E. F.) |
| Sellers, Lee W. | New York City | 1st Lt., Interp. C. | Died of disease, June 2, 1919. (A. E. F.) |
| Seward, Leon E. | Broadbaldin, N. Y. | 2d Lt., A. S. A. | Died from accident, October 17, 1918. Amsterdam, N. Y. |
| Shaw, John S. | New York City | 1st Lt., Inf. | Killed in action, November 5, 1918. (A. E. F.) |
| Shear, Harold E. | Matittuck, N. Y. | 1st Lt., M. C. | Died of disease, October 3, 1918. Hoboken, N. J. |
| Shearman, Reimer | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, October 3, 1918. (A. E. F.) |
| Shelley, John H. | Saranac Lake, N. Y. | 1st Lt., Ord. | Died of disease, November 20, 1918. New York City. |
| Shepard, Romaine | Brooklyn, N. Y. | 2d Lt., Inf. | Died of wounds, September 30, 1918. (A. E. F.) |
| Sheridan, Richard B. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, August 23, 1918. (A. E. F.) |
| Sherwood, Oliver B. | Brooklyn, N. Y. | 1st Lt., A. S. C. | Died from accident, January 20, 1918. (A. E. F.) |
| Shireman, Mervin E. | Brooklyn, N. Y. | 1st Lt., Inf. | Died of disease, December 27, 1918. Camp Gordon, Ga. |
| Shropshire, Ralph F. | Sackett Harbor, N. Y. | Capt., Q. M. C. | Died of disease, January 29, 1918. Philadelphia, Pa. |
| Silverstein, Herman | New York City | 2d Lt., Inf. | Died of disease, February 17, 1919. (A. E. F.) |
| Simes, Frank L. | Albany, N. Y. | 2d Lt., Inf. | Died of wounds, October 1, 1918. (A. E. F.) |
| Singleton, Jovett F. | New York City | 2d Lt., Inf. | Killed in action, June 24, 1918. (A. E. F.) |
| Skratt, Joseph A. | New York City | 2d Lt., Inf. | Killed in action, August 5, 1918. (A. E. F.) |
| Slesinger, Albert | New York City | 2d Lt., Inf. | Killed in action, August 5, 1918. (A. E. F.) |
| Slocum, Russell | New York State | 1st Lt., Inf. (2d Lt., Inf.), R. A. | Died of disease, January 25, 1919. Camp Jackson, S. C. |
| Slooson, James S. | New York City | Capt., Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Smart, Daniel S. | Cambridge, N. Y. | 2d Lt., Inf. | Killed in action, October 15, 1918. (A. E. F.) |
| Smith, Charles C. | Brooklyn, N. Y. | 2d Lt., Q. M. C. | Killed in action, September 12, 1918. (A. E. F.) |
| Smith, Charles G. | Buffalo, N. Y. | 1st Lt., Inf. | Died, December 5, 1918. (A. E. F.) |
| Smith, Dick D. | Rochester, N. Y. | 2d Lt., Inf. | Killed in action, October 17, 1918. (A. E. F.) |
| Smith, Hamilton A. | New York State | Col., N. A. (Lt. Col. Inf.), R. A. | Killed in action, July 22, 1918. (A. E. F.) |
| Smith, Henry B. | New York City | 2d Lt., Inf. | Killed in action, August 26, 1918. (A. E. F.) |
| Smith, Henry C. | New York City | 2d Lt., A. S. | Died from accident, December 21, 1918. (A. E. F.) |
| Smith, Herman H. | Brooklyn, N. Y. | 1st Lt., Inf. | Killed in action, July 28, 1918. (A. E. F.) |
| Smith, Homer R. | Fulton, N. Y. | 2d Lt., Inf. | Killed in action, August 22, 1918. (A. E. F.) |
| Smith, Joseph W. | Rochester, N. Y. | 2d Lt., Inf. | Killed in action, Sept. 29, 1918. (A. E. F.) |
| Smith, J. Clovis | Buffalo, N. Y. | Capt., Inf. | Killed in action, August 17, 1918. (A. E. F.) |
| Smyth, Walter W. | New York City | 1st Lt., A. S. C. | Died from accident, July 21, 1918. Ft. Worth, Texas. |
| Snyder, Robert Y. | Elmira, N. Y. | 2d Lt., M. C. | Died of disease, October 15, 1918. (A. E. F.) |
| Solovci, Samuel | Brooklyn, N. Y. | 1st Lt., M. C. | Died of disease, July 14, 1918. (A. E. F.) |
| Spiegelberg, Sidney L. | New York City | Capt., Inf. | Died of disease, November 13, 1918. (A. E. F.) |
| Starrett, Harry C. | Brooklyn, N. Y. | | |

APPENDIX E—(Continued)

| Name | Address | Rank and arm of service | Date and cause of death |
|----------------------------|----------------------------|--------------------------------------|---|
| Stearns, Jerome..... | Glens Falls, N. Y..... | 2d Lt., C. A. C..... | Died September 4, 1918..... New York City |
| Stein, George..... | New York City..... | 1st Lt., Inf..... | Killed in action, May 28, 1918..... (A. E. F.) |
| Stephens, Albert L..... | New York City..... | 1st Lt., Engrs..... | Died of disease, October 12, 1918, Camp Humphries, Va..... (A. E. F.) |
| Stevens, Harry A..... | Brooklyn, N. Y..... | 2d Lt., Inf..... | Died of wounds, October 3, 1918..... (A. E. F.) |
| Stevens, John H..... | Albion, N. Y..... | 2d Lt., Inf..... | Killed in action, July 31, 1918..... (A. E. F.) |
| Stewart, Frank M..... | New York City..... | 1st Lt., A. S. C..... | Died of wounds, October 8, 1918..... (A. E. F.) |
| Stewart, James D..... | New York City..... | 1st Lt., A. S..... | Died from accident, August 15, 1919, Paducah, Ky..... (A. E. F.) |
| Stillwell, Thomas V..... | New York City..... | 2d Lt., Inf..... | Killed in action, July 18, 1918..... (A. E. F.) |
| Stock, Carl J..... | Niagara Falls, N. Y..... | 2d Lt., Inf..... | Killed in action, October 19, 1918..... (A. E. F.) |
| Stoddard, John..... | Brooklyn, N. Y..... | Major, F. A..... | Died of disease, October 29, 1918, Ft. Sill, Okla..... (A. E. F.) |
| Strahan, Donald P..... | Wappinger Falls, N. Y..... | 2d Lt., A. S. C..... | Killed in action, October 22, 1918..... (A. E. F.) |
| Straight, Burr D..... | Almond, N. Y..... | 2d Lt., Inf..... | Killed in action, October 3, 1918..... (A. E. F.) |
| Straight, Willard O..... | Old Westbury, N. Y..... | Major, Inf..... | Died of disease, November 30, 1918..... (A. E. F.) |
| Strong, Ellsworth O..... | New York City..... | 2d Lt., F. A..... | Killed in action, August 25, 1918..... (A. E. F.) |
| Stuart, William A..... | New York City..... | 1st Lt., A. S. C..... | Killed in action, September 16, 1918..... (A. E. F.) |
| Sunderlin, Raymond J..... | New York City..... | 2d Lt., Inf..... | Died of wounds, October 20, 1918..... (A. E. F.) |
| Sykes, James J..... | Brooklyn, N. Y..... | 2d Lt., Inf..... | Killed in action, August 6, 1918..... (A. E. F.) |
| Talley, Allen W..... | New York City..... | 1st Lt., Inf (2 Lt., Inf.) B. A..... | Killed in action, October 7, 1918..... (A. E. F.) |
| Tarr, Terry S..... | New York State..... | 2d Lt., Inf..... | Killed in action, July 23, 1918..... (A. E. F.) |
| Taylor, Abernathy S..... | Buffalo, N. Y..... | 2d Lt., Inf..... | Killed in action, October 13, 1918..... (A. E. F.) |
| Taylor, Herbert D..... | Brooklyn, N. Y..... | 2d Lt., Inf..... | Died of disease, October 7, 1918, New York City..... (A. E. F.) |
| Taylor, Herbert D..... | New York City..... | 1st Lt., M. C..... | Died of wounds, March 23, 1918..... (A. E. F.) |
| Taylor, Moses, Jr..... | New York City..... | 1st Lt., Inf..... | Killed in action, Sept. 18, 1918..... (A. E. F.) |
| Taylor, William H..... | New York City..... | 1st Lt., A. S..... | Died of disease, January 10, 1918, Douglas, Ariz..... (A. E. F.) |
| Tenney, Cabell B..... | New York City..... | 2d Lt., F. A..... | Died from accident, August 18, 1918..... (A. E. F.) |
| Thaw, Alexander B..... | New York City..... | 1st Lt., A. S..... | Killed in action, September 22, 1918..... (A. E. F.) |
| Thomas, Gerald P..... | Flushing, N. Y..... | 2d Lt., A. S..... | Died of wounds, Sept. —, 1918..... (A. E. F.) |
| Thomas, Otis B..... | Yonkers, N. Y..... | 2d Lt., Inf..... | Died of disease, July 5, 1918..... (A. E. F.) |
| Thompson, Hugh S..... | New York City..... | 1st Lt., A. S..... | Killed in action, October 1, 1918..... (A. E. F.) |
| Thompson, Sidney P..... | Ithaca, N. Y..... | 1st Lt., A. S. C..... | Died in action, August 11, 1918..... (A. E. F.) |
| Thorne, Herbert F..... | New York City..... | 1st Lt., Q. M. C..... | Killed in action, October 10, 1918..... (A. E. F.) |
| Thrasher, Harry D..... | New York City..... | 2d Lt., Engrs..... | Died from accident, December 23, 1919, March Field, Cal..... (A. E. F.) |
| Tieborne, Herbert M..... | Mt. Vernon, N. Y..... | 2d Lt., A. S. A..... | Died of disease, October 10, 1918..... (A. E. F.) |
| Tidball, Zan L., Jr..... | Buffalo, N. Y..... | 2d Lt., A. S..... | Killed in action, June 14, 1918..... (A. E. F.) |
| Timothy, James S..... | Highland Falls, N. Y..... | 2d Lt., Inf..... | Died of accident, July 22, 1918, Tullahoma Field, Tenn..... (A. E. F.) |
| Tinnerholm, Ivar E..... | Schenectady, N. Y..... | 2d Lt., A. S..... | Died of disease, August 23, 1918, Memphis, Tenn..... (A. E. F.) |
| Topping, Nathaniel H..... | Saratoga, N. Y..... | 2d Lt., A. S..... | Died of wounds, November 16, 1918..... (A. E. F.) |
| Tousaint, Arthur F. C..... | New York City..... | 1st Lt., Ord..... | Died of disease, April 7, 1919..... (A. E. F.) |
| Treadwell, Alvin H..... | Poughkeepsie, N. Y..... | 1st Lt., A. S..... | Died of disease, October 23, 1918, Philadelphia, Pa..... (A. E. F.) |
| Treacy, Malcolm W..... | New York City..... | 2d Lt., Q. M. C..... | Died of disease, October 16, 1918..... (A. E. F.) |
| Troy, Donald G..... | Sherrburne, N. Y..... | 2d Lt., Inf..... | Killed in action, September 26, 1918..... (A. E. F.) |
| Tuohy, John J..... | Brooklyn, N. Y..... | Capt., Ord..... | Killed in action, October 3, 1918..... (A. E. F.) |
| Turn, Raymond P..... | New York City..... | 1st Lt., Inf..... | Died of disease, October 17, 1918, Ft. Oglethorpe, Ga..... (A. E. F.) |
| Turner, Charles W..... | Coney Island, N. Y..... | 1st Lt., Inf..... | Killed in action, September 27, 1918..... (A. E. F.) |
| Turner, Ralph W..... | Troy, N. Y..... | 1st Lt., M. C..... | |
| Turner, William B..... | Garden City, N. Y..... | 1st Lt., Inf..... | |

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| Tyler, John C. | Brooklyn, N. Y. | 1st Lt. A. S. | Killed in action, September 18, 1918. (A. E. F.) |
| Vail, Herman H. | Poughkeepsie, N. Y. | Capt. Inf. | Killed in action, October 26, 1918. (A. E. F.) |
| Valentine, Herman W. | New Rochelle, N. Y. | 2d Lt. A. S. | Died of accident, May 4, 1918. (A. E. F.) |
| Vandusen, Edwin J. | Camajoharie, N. Y. | 2d Lt. C. W. S. | Died of disease, June 13, 1919. Otisville, N. Y., Fla. |
| Van Schoonhoven, Francis | Saratoga, N. Y. | 1st Lt. Inf. | Killed in action, November 3, 1918. (A. E. F.) |
| Van Thun, William | Brooklyn, N. Y. | Capt. Inf. | Died October 3, 1918. (A. E. F.) |
| Vernilysa, Sidney C. | Dresden, N. Y. | 1st Lt. M. C. | Died of wounds, November 2, 1918. (A. E. F.) |
| Vernam, Remington | New York City | 1st Lt. A. S. | Died of wounds, December 1, 1918. (A. E. F.) |
| Vine, Jefferson D. | Buffalo, N. Y. | 1st Lt. A. S. C. | Died of wounds, December 1, 1918. (A. E. F.) |
| Vols, Victor | New York City | 2d Lt. Inf. | Died of wounds, October 4, 1918. (A. E. F.) |
| Waite, Ella | New York City | 2d Lt. C. A. C. | Died of disease, December 27, 1918. (A. E. F.) |
| Waite, Alan | Yonkers, N. Y. | 1st Lt. Inf. | Died in action, September 29, 1918. (A. E. F.) |
| Walker, Russell T. | Brooklyn, N. Y. | 1st Lt. Inf. | Died of disease, October 16, 1918. (A. E. F.) |
| Walker, Warren T. | Syracuse, N. Y. | Capt. M. C. | Died of accident, October 10, 1918. Rahway, N. J. |
| Walrath, Carey J. | Herkimer, N. Y. | Capt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Walsh, John A. | New York City | 1st Lt. Inf. | Killed in action, October 16, 1918. (A. E. F.) |
| Walsh, Michael J. | Hempstead, N. Y. | Capt. Eng. | Killed in action, October 15, 1918. (A. E. F.) |
| Walker, Arthur | Brooklyn, N. Y. | 2d Lt. Inf. | Killed in action, July 30, 1918. (A. E. F.) |
| Waring, William W. | Buffalo, N. Y. | 1st Lt. A. S. | Died of disease, October 30, 1918. (A. E. F.) |
| Waring, Chester I. | Troy, N. Y. | M. Lt. Ord. | Died of disease, May 26, 1919. Troy, N. Y. |
| Wachauer, Edward | New York City | 1st Lt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Wachter, Willard M. | New York City | 2d Lt. Inf. | Killed in action, September 27, 1918. (A. E. F.) |
| Walt, Richard | New York City | Major M. C. | Died of disease, November 19, 1917. Cp. Wheeler, Ga. |
| Walt, John J. | Niagara Falls, N. Y. | 1st Lt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Wells, Brooks H. | New York City | Capt. M. C. | Died of accident, July 6, 1917. New York City, N. Y. |
| Wesler, Keith H. | Albany, N. Y. | 1st Lt. M. C. | Died of disease, October 26, 1918. Cp. Kearney, Cal. |
| Wesler, Karl H. | Brooklyn, N. Y. | 2d Lt. Inf. | Killed in action, September 12, 1918. (A. E. F.) |
| Wesler, Edmund D. | New York State | 1st Lt. C. W. S. | Died of wounds, September 6, 1918. (A. E. F.) |
| Whelan, Rase W. | New York City | Capt. M. C. | Died of disease, September 25, 1918. Boston, Mass. |
| Whelan, John | West New Brighton, N. Y. | 2d Lt. M. C. S. C. | Died of disease, October 17, 1918. Chicago, Ill. |
| White, Clarence H. | Colosse, N. Y. | 1st Lt. A. S. | Died of disease, November 2, 1918. (A. E. F.) |
| White, Sherman | New York State | 1st Lt. Inf. | Died of disease, November 2, 1918. (A. E. F.) |
| White, Albert W. | New York City | 2d Lt. A. S. | Killed in action, October 10, 1918. (A. E. F.) |
| Whiting, Clinton L. | Brooklyn, N. Y. | 1st Lt. Inf. | Died of wounds, October 23, 1918. (A. E. F.) |
| Whitlock, Edgar M. | New York City | 1st Lt. Eng. | Killed in action, September 29, 1918. (A. E. F.) |
| Wicks, Glenn D. | Saratoga, N. Y. | 1st Lt. Inf. | Died of disease, August 5, 1918. (A. E. F.) |
| Wilder, John H. | New York City | 1st Lt. A. S. | Died of accident, August 10, 1918. (A. E. F.) |
| Williams, Charles S. | Buffalo, N. Y. | 1st Lt. A. S. C. | Died of wounds, April 20, 1918. Northampton, Mass. |
| Williams, Earl T. | Buffalo, N. Y. | 2d Lt. A. S. C. | Died of disease, May 7, 1918. Lake Charles, La. |
| Wilson, Spencer C. | New York City | 1st Lt. Inf. | Killed in action, September 29, 1918. (A. E. F.) |
| Wilson, Edward F. | Geneva, N. Y. | Capt. Inf. | Died August 22, 1918. (A. E. F.) |
| Winstow, Konein | Tuxedo Park, N. Y. | 2d Lt. Inf. | Died of wounds, October 20, 1918. (A. E. F.) |
| Wohlleb, Frank X. | Astoria, N. Y. | 1st Lt. F. A. (R. A.) | Killed in action, August 16, 1918. (A. E. F.) |
| Wolf, Edward J., Jr. | New York State | 2d Lt. A. S. | Killed in action, September 13, 1918. (A. E. F.) |
| Wood, Francis A. | New York City | 1st Lt. Inf. | Died of accident, October 10, 1918. (A. E. F.) |
| Woodward, Richard F., Jr. | Richmond, N. Y. | 1st Lt. A. S. C. | Died of accident, Jan. 28, 1918. (A. E. F.) |
| Wright, Jack M. | New York City | 2d Lt. A. S. A. | Died of disease, December 14, 1918. Dallas, Texas. |
| Young, Henry M. | New York City | | |

APPENDIX E—(Concluded)

| Name | Address | Rank and arm of service | Date and cause of death |
|-------------------|---------------------|-------------------------|---|
| Young, James L. | Brooklyn, N. Y. | Capt. Inf. | Died of disease, October 2, 1918. (A. E. F.) |
| Young, R. Stanley | Poughkeepsie, N. Y. | 2d Lt. Inf. | Killed in action, October 9, 1918. (A. E. F.) |
| Young, Thomas H. | Brooklyn, N. Y. | 1st Lt. Inf. | Killed in action, July 18, 1918. (A. E. F.) |
| Young, Townsend | Ossining, N. Y. | 2d Lt. Inf. | Killed in action, July 18, 1918. (A. E. F.) |

| UNITED STATES MARINE CORPS | | | |
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| Name | Rank and arm of service | Date and cause of death | |
| Blanchfield, John | Captain 55th Co., 5th Regt. | Died of wounds, June 8, 1918. | |
| Bradley, William A. | 2d Lt., 18th Co., 5th Regt. | Died of wounds, October 4, 1918. | |
| Brady, Vincent A. | 2d Lt., 55th Co., 5th Regt. | Died of wounds, November 14, 1918. | |
| Burnes, John F. | Captain, 74th Co., 6th Regt. | Died of wounds, June 14, 1918. | |
| Dalton, Jeremiah J. | 2d Lt., 75th Co., 6th Regt. | Killed in action, October 21, 1918. | |
| Gassert, Howell A. | 2d Lt., 5th Regt. | Died, April 16, 1918. | |
| Gordon, Donald S. | 2d Lt., 6th Regt. | Died of wounds, July 24, 1918. | |
| Keeley, James | Captain, 51st Co., 5th Regt. | Killed in action, October 3, 1918. | |
| Maier, Joseph F. | 2d Lt., 55th Co., 5th Regt. | Killed in action, October 4, 1918. | |
| Swan, Oscar A. | 1st Lt., 23d Co., 6th M. G. B. | Killed in action, Nov. 10, 1918. | |
| Wahlstrom, Frederick | 2d Lt., 5th Regt. | Died of accident, August 21, 1918. | |

OFFICIAL REGISTER
OF THE
Organized Land Force
OF THE
STATE OF NEW YORK
January 1, 1918 to December 31, 1919

[79]

ABBREVIATIONS

a. g. Adjutant General
 adj. Adjutant
 a. d. c. Aide-de-Camp
 amb. Ambulance
 artif. Artificer
 arty. Artillery
 ass't. Assistant
 bat. Battalion
 batty. Battery
 bvt. Brevet
 brig. Brigade
 brig. gen. Brigadier General
 capt. Captain
 cav. Cavalry
 c. a. c. Coast Artillery Corps
 c. d. c. Coast Defense Command.
 cert. Certificate
 col. Colonel
 c. g. Commanding General
 c. o. Commanding Officer
 com'dr. Commander
 com'dg. Commanding
 com. Command
 comy. Commissary
 c. of e. Corps of Engineers
 corp. Corporal
 dept. Department
 dep. Deputy
 det. Detailed
 dis. Discharge
 eng. Engineers
 ex. Executive
 f. & h. dis. Full and Honorable Discharge
 f. a. Field Artillery
 f. h. Field Hospital
 f. m. Field Music
 1 lt. First Lieutenant
 gov. Governor
 hdqrs. Headquarters
 hdqrs. co. Headquarters Company
 hon. dis. Honorable discharge
 h. e. Hospital Corps
 hosp. Hospital

hosp. stwd. Hospital Steward
 inf. Infantry
 insp. Inspector
 i. s. a. p. Inspector Small Arms Practice
 j. a. g. Judge Advocate General
 j. g. Junior Grade
 lt. col. Lieutenant Colonel
 m. g. co. Machine Gun Company
 maj. Major
 maj. gen. Major General
 m. c. Medical Corps
 mus. Musician
 M. V. Medal of valor
 N. G. National Guard
 n. m. Naval Militia
 N. Y. G. New York Guard
 off. Officer
 ord. Ordnance
 o. d. Ordnance Department
 o. o. Ordnance Officer
 o. r. Original Rank
 Pvt. Private
 qm. Quartermaster
 q. m. c. Quartermaster Corps
 regt. Regiment
 r. l. Reserve List
 2-lt. Second Lieutenant
 sep. co. Separate Company
 sgt. Sergeant
 s. c. Signal Corps
 sq. Squadron
 s. c. & d. Staff, Corps and Departments
 stwd. Steward
 sub. Subsistence
 supn. Supernumerary
 sup. co. Supply Company
 surg. Surgeon
 tra. Transferred
 tr. Troop
 U. S. M. A. United States Military Academy
 U. S. N. A. United States Naval Academy
 W. D. War Department

OFFICIAL REGISTER

THE ORGANIZED LAND FORCE OF THE STATE OF NEW YORK

NEW YORK GUARD

HEADQUARTERS, ROOM 829, MUNICIPAL BUILDING, NEW YORK CITY

The New York Guard, organized August 3, 1917, constitutes a Division, and consists of four brigades of infantry (14 regiments); 1 regiment of cavalry; 1 separate squadron, cavalry; 2 regiments of field artillery; 1 regiment of engineers (2 battalions); 1 machine gun battalion; 1 engineer train; 1 battalion of signal corps (3 companies); 4 field hospitals; 4 ambulance companies; and the coast artillery corps (3 regiments).

Stations and records of organizations

FIRST BRIGADE

Headquarters, 104 East 34th Street, New York City

The Brigade consists of the 7th, 12th, 16th, 69th and 71st Regiments of Infantry.

SECOND BRIGADE

Headquarters, 1322 Bedford Avenue, Brooklyn

The Brigade consists of the 14th, 23d and 47th Regiments of Infantry.

THIRD BRIGADE

Headquarters, 176 State Street, Albany

The Brigade consists of the 1st, 2d and 10th Regiments of Infantry.

FOURTH BRIGADE

Headquarters, 451 Main Street, Buffalo

The Brigade consists of the 3d, 4th and 74th Regiments of Infantry.

COMMANDER-IN-CHIEF

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|--|--|-------------------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| GOVERNOR | | | |
| Charles S. Whitman, 1 jan. 15 to 31 dec. 18 | | | |
| Alfred E. Smith, 1 jan. 19 | | | |
| STAFF OF THE GOVERNOR | | | |
| THE ADJUTANT GENERAL | | | |
| Brigadier General | | | |
| Charles W. Berry, 14 jan. 19 | | See Office of The Adjutant General, | N. Y. 11 apr. 71 |
| Acting The Adjutant General Lieutenant Colonel | | | |
| Edward J. Westcott, 28 jun. 18 20 sept. 18 to 14 jan. 19 | | See Office of The Adjutant General, | N. Y. 14 oct. 73 |

STAFF OF THE GOVERNOR

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|---|-------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| STAFF OF THE GOVERNOR—Continued | | | |
| MILITARY SECRETARY | | | |
| Lieutenant Colonel | | | |
| Hoppin, Francis Lauren Vinton, 19 apr. 17 relieved, 31 dec. 18. | 1 lt. 12 N. Y. in f., 2 lt. 12 inf. 13 may 98 to 14 a. d. c. cap. 1 brig. supn. assigned duty 12 inf. to 7 june 02 assigned duty 12 inf. relieved. assigned duty 12 inf. relieved and reassigned. relieved. assigned duty hdqrs. 1 brig., 11 mar. 12 a. g. maj. 18 mar. 12 resigned. maj. r. l. detailed to gov. as mil. sec., 20 apr. 17 maj. n. g. r. 24 oct. 18 col. inf. | 23 apr. 14 june 99 1 july 01 1 june 02 10 sep. 02 1 aug. 06 11 mar. 08 30 dec. 08 19 feb. 09 11 mar. 12 18 mar. 12 19 apr. 17 19 apr. 17 20 apr. 17 24 oct. 18 3 dec. 18 | 98R. I. 7 oct. 68 |
| Glynn, Alfred J., Major | 10 feb. 19 | | N. Y. 19 nov. 98 |
| Aides-de-camp—Detailed | | | |
| Lieutenant Commander Louis M. Josephthal, paymaster, n. m. detailed, 1 jan. 15. Colonel Rodman Wanamaker, detailed 11 sep. 18. | See a. g. d. Infantry, N. G. N. Y. | | Penn. 13 feb. 63 |
| Lieutenant Colonel Howard E. Crall, 26 jul. 15 to 31 dec. 18 | See 7 inf. | | D. C. 18 sep. 67 |
| Major Frank J. Foley detailed 1 jan. 19. | See n. g. r. | | N. Y. 23 june 84 |
| Major Edward G. Murray detailed 1 jan. 19. | See 13 c. d. c. | | |
| Major William F. Morgan detailed 1 jan. 19. | See 12 inf. | | |
| Major William Ottman detailed 1 jan. 19. | See 12 inf. | | |
| Major Michael F. Loughman detailed 1 jan. 19. | See c. of e. | | |
| Captain Joseph J. Kingsbury 20 jul. 15 to 31 dec. 08 | See r. l. | | N. Y. 11 sep. 72 |
| Captain Alvan W. Perry 1 jan. 15 to 9 feb. 18 | | | Mass. 17 sep. 73 |
| Captain George D. Morris detailed 1 jan. 19. | See 71 inf. | | |
| Captain William L. Sayers detailed 1 jan. 19. | See 23 inf. | | |
| Captain Tracy H. Lewis detailed 1 jan. 19. | See ord. dept. | | |
| Captain John H. O'Connor detailed 1 jan. 19. | See m. d. | | |
| Captain William R. Fearn detailed 1 jan. 19. | See r. l. | | N. Y. 6 jan. 71 |
| Captain D. Walker Wear detailed 1 jan. 19. | See div. | | |
| Captain Herbert I. Sackett detailed 1 jan. 19. | See r. l. | | N. Y. |

STAFF OF THE GOVERNOR—*Continued*

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|--|--|-----------------------|-----------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| STAFF OF THE GOVERNOR—<i>Continued</i> | | | |
| <i>Aides-de-camp—Detailed—Continued</i> | | | |
| First Lieutenant Ernest E. Malcolm detailed 1 jan. 19. | | See 12 inf. | |
| First Lieutenant Joseph F. S. Meachem, detailed 1 jan. 19. | | See q. m. c. | |
| First Lieutenant Charles F. La Tour detailed 27 jan. 19. | | See 69 inf. | |
| Second Lieutenant Walter F. Hagan. | | See r. l. | N. Y. 5 june 92 |

OFFICE OF THE ADJUTANT GENERAL OF THE STATE

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|---|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| THE ADJUTANT GENERAL | | | |
| Brigadier General | | | |
| Berry, Charles White, 14 jan. 19 Graduate, Garrison Schools, 1915. | mustered into u. s. ser. 20 July 17. 106 inf., lt. col. col. hon. dis. 5 dec. 18 | pvt., corp., agt., co. H, 7 inf. 6 feb. 03 hon. dis. 15 nov. 09 1 lt. 14 inf. 9 mar. 11 cap. 1 jan. 13 a. d. c. to gov. 1 jan. 13 to 31 dec. 14 resigned. 14 nov. 16 maj. 11 apr. 17 brig. gen. 14 jan. 19 brig. gen. N. Y. N.G. 5 dec. 19 | N. Y. 11 apr. 71 |
| ACTING ADJUTANT GENERAL | | | |
| Lieutenant Colonel | | | |
| Westcott, Edward John, 28 June 18 | pvt. 203 N. Y. inf. 14 July 98 to 13 Jan. 99 | pvt., corp. co. A, 10 bat., post qm. agt., 3 brig. 28 feb. 01 to 23 May 12 2 lt. 10 inf. 23 May 12 asst. to adj. gen. 16 Aug. 15 maj. adj. gen. dept. 31 July 16 with rank from. 19 June 16 lt. col. adj. gen. dept. 28 June 18 accepted. 28 June 18 acting The Adj. Gen. 20 Sep. 18 | N. Y. 14 Oct. 73 |
| ASSISTANT ADJUTANT GENERAL | | | |
| Colonel | | | |
| Myers, James Weston, | ..... | See q. m. c. | N. Y. 7 July 64 |
| Colonel | | | |
| Schermmerhorn, Arthur F., 28 June 18 | disbursing off. and agent u. s. in s. N. Y., 1 Oct. 17 | pvt. co. K, 12 inf. 12 feb. 79 corp. 26 Jan. 81 adjt. 12 inf. 11 feb. 84 supn. 5 June 90 cap., adjt. 112 inf. 6 June 09 lt. col., 112 inf. 1 Nov. 98 detailed on staff of Maj. Gen. Roe, comdg., N. G. 24 Jan. 99 relieved and rendered sup. 11 Apr. 99 detailed to dept. in- telligence. 28 June 17 detailed as asst. adjt. gen. 14 Sep. 17 detailed as chief of staff c. g. d. 18 Sep. 17 colonel, inf. 28 June 18 accepted. 28 June 18 | N. Y. 1 Apr. 60 |
| ASSISTANT TO THE ADJUTANT GENERAL | | | |
| Commodore | | | |
| Josephthal, Louis Maurice, 9 Oct. 17 | paymaster, yeo- man, u. s. navy. 30 Apr. 98 asst. paymaster. u. s. navy, 13 May 98 to 5 Oct. 98 | seaman. 23 June 91 paymasters' yeoman. 1 Dec. 96 asst. paymaster. 14 Dec. 98 asst. paymaster, lt. j. g. 11 Apr. 01 paymaster, lt. 13 Jan. 10 paymaster, lt. comdr. 19 June 12 a. d. c. to the gov. 1 Oct. 12 retired with rank of comdr., pay insptr. 3 July 16 assigned to duty as asst. to adjt. gen. 3 July 16 placed on active duty. 16 Feb. 17 pay director, rank of of cap. 3 Apr. 17 asst. adj. gen., pay- master gen., commo- dore, asst. to adj. gen., chief n. m. bur. 9 Oct. 17 accepted. 9 Oct. 17 | N. Y. 17 Oct. 69 |

OFFICE OF THE ADJUTANT GENERAL OF THE STATE—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|--|------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonels</i> | | | |
| Ahern, Charles J., 1st Brigade. 23 July 17 | | Sec qm. c. | N. Y. 4 sep. 81 |
| Smith, Clarence Wilbur, 20 Dec. 17 | 1 lt. 22 N. Y. inf., 2 May 98 to 23 Nov. 98 | pvt. co. G, 13 inf. 19 Nov. 85 corp. 6 Oct. 90 hon. dis. 22 Sep. 92 pvt. co. A, 13 inf. 5 June 93 corp. 6 Feb. 94 1 lt. (E) 21 May 94 cap. (E) 14 Mar. 98 maj. 11 Oct. 01 cap. (E) 6 June 02 bvt. maj. 10 Feb. 03 resigned. 14 Mar. 05 asst. insp. 2 brig., cap. with o. r. 15 Apr. 05 i. s. a. p. and ord. off. maj. 12 Dec. 07 supn., reassigned. 21 Jan. 08 maj. ord. dept. 6 Feb. 08 with rank from. 12 Dec. 07 cap. c. a. c. 25 Aug. 08 with rank from. 17 Aug. 08 maj. sub. dept. 21 June 09 with rank from. 10 June 09 insp. gen. maj. 25 Apr. 11 with rank from. 10 June 09 bvt. lt. col. 4 Jan. 12 retired. 4 Jan. 12 insp. gen. maj. 16 Dec. 12 with rank from. 10 June 09 r. l. 1 Sep. 14 maj. 13 c. d. c. 16 June 17 col. 20 Dec. 17 accepted. 22 Dec. 17 f. and h. dis. 13 Sep. 19 col. r. l. 13 Sep. 19 lt. col. a. g. d. (s. c. and d.). 28 Nov. 19 accepted. 29 Nov. 19 | N. Y. 20 May 67 |
| <i>Majors</i> | | | |
| McCarthy, Edmond Dennis, 4th Brigade. 10 Oct. 17 | mustered into u. s. ser. . . . 6 July 16 resigned, 10 Aug. 16 | pvt. corp., sgt., co. F, 74 inf. 17 Sep. 94 hon. dis. 10 Nov. 00 1 lt. 74 inf. (D). 13 May 02 cap. (E) 1 July 04 a. d. c. 4 brig. cap. with o. r. 26 May 05 asst. insp. 4 brig. cap with o. r. 7 May 07 supn., reassigned. 21 Jan. 08 qm. maj. 20 Apr. 08 a. g. maj. 16 Mar. 11 resigned. 10 Aug. 16 maj. a. g. 10 Oct. 17 accepted. 15 Oct. 17 retired. 18 Apr. 19 | N. Y. 21 Sep. 72 |
| Newman, Charles Howard, 2d Brigade. 12 Jan. 18 | | pvt. co. A, 23 regt. 8 Jan. 94 lance corp. 12 Oct. 96 corp. 15 Nov. 97 sgt. 21 Nov. 98 1 lt., bst. q. m., 23 regt., 22 May 02 bat. adj. 24 Feb. 05 cap. 13 Nov. 12 maj. 12 Jan. 18 accepted. 16 Jan. 18 | Bklyn. 4 Nov. 76 |

OFFICE OF THE ADJUTANT GENERAL OF THE STATE—(Continued)

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|---|-----------------------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors—Continued</i> | | | |
| Nial, Daniel Francis, 13 mar. 18 3d Brigade. | sgt. co. D, 2 regt. N. Y. vols., 2 may 98 to 25 oct. 98 | pvt. 21 sep. co. 22 mar. 90 dropped. 19 nov. 91 taken up. 12 feb. 92 corp. 3 Apr 94 hon. dis. 4 may 96 re-enlisted. 30 apr. 96 sgt. 22 apr. 98 2 lt. 31 mar. 99 1 lt. 12 nov. 03 bat. adj. 2 regt. 31 mar. 05 cap. 6 dec. 12 f. and h. dis. 29 oct. 14 maj. a. g. d. 13 mar. 18 accepted. 13 mar. 18 | Troy, 21 sep. 68 |
| Daly, George Augustine, 1st Brigade. 8 jan. 19 | mustered into u. s. ser. . . . 28 June 16 | 2 lt. 12 inf. 2 jan. 09 1 lt. 3 jan. 13 cap. 24 June 16 discharged for physical disability. 26 July 17 r. l. 5 sep. 17 detailed to active duty with 12 inf. 5 sep. 17 cap. 12 inf. 15 sep. 17 cap. i. g. d. 25 oct. 18 maj. a. g. d. 8 jan. 19 accepted. 10 jan. 19 | N. Y. 23 aug. 78 |
| Pileher, Edward Sargent, 4th Brigade. 22 aug. 19 | mustered into u. s. ser. . . . 4 July 16 resigned, 9 Jan. 17 | pvt. co. G, 23 inf., trs. tr. C, att. 2 brig. 26 dec. 96 to 10 May 04 pvt., sgt., tr. 7, 1 cav. 7 May 12 hon. dis. 8 Aug. 13 2 lt. 74 inf. 15 Aug. 13 1 lt. 30 Nov. 14 cap. 10 Aug. 16 resigned. 9 Jan. 17 1 lt. 74 inf. 19 Oct. 17 cap. 6 Dec. 17 maj. a. g. d. 22 Aug. 19 resigned. 20 Oct. 19 | Mich. 3 Oct. 76 |
| Ziegler, Edwin George, 4th Brigade. 22 Oct. 19 | mustered into u. s. ser. . . . 2 July 17 out 24 Feb. 17 into 31 Mar. 17 hon. dis. 31 Mar. 19 | pvt., corp., co. H, 74 inf., trs. co. I. 2 Dec. 01 to 1 Mar. 06 2 lt. (I) 74 inf. 1 Mar. 06 1 lt. 19 June 12 r. l. 19 May 19 maj. a. g. d. 22 Oct. 19 accepted. 23 Oct. 19 | N. Y. 17 Oct. 83 |
| <i>Captain</i> | | | |
| Dunderdale, Forbes, 16 Jan. 18 | | pvt. co. E, 23 inf. 7 Aug. 77 dis. 11 July 83 re-enlisted. 1 Dec. 85 2 lt. 23 inf. 15 July 87 hon. dis. 11 July 88 r. l. 16 Jan. 18 cap. a. g. d. 16 Jan. 18 accepted. 16 Jan. 18 | N. Y. 16 Aug. 59 |
| <i>Second Lieutenants</i> | | | |
| Snyder, Fred'k Merhle, 21 Nov. 18 | | pvt. co. M, 10 inf. N. G., N. Y. 1 May 14 dropped. 13 Oct. 15 taken up. 23 June 16 hon. dis. 2 Aug. 16 pvt., ord. dept. 8 Nov. 17 ord. sgt. 8 Nov. 17 2 lt. 21 Nov. 18 accepted. 4 Dec. 18 | Houstonia, Mass. 23 Aug. 93 |

**NEW YORK GUARD
COMMANDING GENERAL AND STAFF**

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|--|-----------------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <p align="center"><i>Major General</i> O'Ryan, John Francis, 1 may 12 graduate U. S. Army War College, 1914. Awarded D. S. M.</p> | <p>mustered into u. s. ser. . . . 30 june 16 out 22 dec. 16 into 16 july 17 hon. dis. . . 1 apr. 19</p> | <p>pvt. co. G, 7 inf. . . . 12 mar. 97 to 22 nov. 00 trs. 2 batty. . . . 22 nov. 00 2 lt. . . . 6 dec. 00 1 lt. . . . 9 apr. 04 cap. 1 batty. . . . 10 may 07 a. d. c. to gov. . . . 1 jan. 11 to 16 apr. 12 maj. 2 bat. f. a. . . . 19 sep. 11 maj. gn. div. N. G. . . . 16 apr. 12 accepted. . . . 1 may 12 r. l. . . . 1 sep. 17 dft. . . . 5 aug. 17 detailed to command N. Y. G. . . . 31 mar. 19</p> | <p>N. Y. 21 aug. 74</p> |
| <p align="center"><i>Colonel, Chief of Staff</i> Ward, Franklin Wilmer, 28 june 16 W. D. Cert. in course No. 1 (Basic). Awarded D. S. M.</p> | <p>mustered into u. s. ser. . . . 28 june 16 out 22 dec. 16 into 16 july 17 lt. col. 107 inf., 7 aug. 18 col. 106 inf., 8 oct. 18 hon. dis. . . 2 apr. 19</p> | <p>pvt. corp., co. I, 1 inf. N. G. Pa. . . . 17 may 88 hon. dis. . . . 1 may 91 pvt. corp., sgt., 1 sgt. co. I, 1 inf., N. G. Pa. . . . 18 june 01 hon. dis. . . . 5 june 04 pvt., 1 sgt. . . . 18 june 04 hon. dis. . . . 5 july 07 2 lt. 109 N. Y. inf. . . . 31 aug. 98 supn. . . . 22 dec. 98 assigned to duty with 9 regt. . . . 12 jan. 99 1 lt. 9 regt. . . . 24 nov. 99 cap. . . . 3 may 02 maj. 9 regt. . . . 28 may 07 maj. c. a. c. . . . 23 jan. 08 a. g. lt. col. . . . 1 june 12 maj., staff maj. gen. com'dg div. . . . 28 june 16 lt. col. . . . 31 mar. 17 dft. . . . 5 aug. 17 col., chief of staff. . . . 1 apr. 19</p> | <p>Pa. 1 dec. 70</p> |
| <p align="center"><i>Lieutenant Colonel, Assistant Chief of Staff</i> Olmstead, Edward, 9 sep. 18 Graduate, Garrison Schools, cavalry, 1914; special course for field officers, army service schools, 1916; second course, Army General Staff College, France, 1918. Awarded D. S. M.</p> | <p>mustered into u. s. ser. . . . 30 june 16 out 22 dec. 16 into 16 july 17 lt. col. inf., 9 sep. 18 hon. dis. . . 10 may 19</p> | <p>pvt., corp., sgt., tr. 1 sq. A. . . . 17 may 95 to 14 may 07 1 lt. sq. A. . . . 14 may 07 cap. sq. A. . . . 12 sep. 08 assigned aide staff maj. gen. com'dg div. N. G. . . . 25 sep. 12 lt. col. a. g. . . . 23 apr. 15 major, asst. chief of staff. . . . 28 june 16 accepted. . . . 28 june 16 dft. . . . 5 aug. 17 r. l. . . . 12 may 19 lt. col. a. g. d. . . . 10 may 19 accepted. . . . 11 may 19</p> | <p>Cal. 5 jan. 72</p> |
| <p align="center"><i>Lieutenant Colonel, Assistant Chief of Staff</i> Starr, William T., 8 nov. 18</p> | <p>regtl. sgt. maj. 161 Indiana U. S. Vol. inf. . . . 8 july 98 mustered out, 30 apr. 99 mustered into u. s. ser. . . . 16 july 17 cap. inf. . . . 24 july 17 trs. 102 tr. and m. p. 1 oct. 17 tr. div. . . . 25 jan. 18 asst. c. of s. div., 4 feb. 19 hon. dis. . . 31 mar. 19</p> | <p>pvt. co. F, 71 inf. . . . 24 jan. 16 2 lt. 1 A. M. batty. . . . 22 mar. 16 r. l. . . . 13 dec. 16 resigned. . . . 25 may 17 1 lt. hdqrs. tr. div. . . . 31 may 17 assigned to 1 tr. div. train. . . . 11 june 17 1 lt. trains and m. p. 31 may 17 cap. . . . 24 july 17 accepted. . . . 24 july 17 dft. . . . 5 aug. 17 lt. col., inf. . . . 1 apr. 19</p> | <p>Ind. 2 dec. 79</p> |

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|--|--|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel, Adjutant</i> McLeer, Edward, Jr., 29 July 18 Graduate, Garrison Schools, 1915. | qm. sgt., sgt., tr. C. N. Y. cav., 2 May 98 to 25 Nov. 98 mustered into u. s. ser. 30 June 16 out 20 Mar. 17 into 3 Apr. 17 104 m. g. btn., 1 Oct. 17 lt. col. div. m. g. trs. 29 July 18 officer. 31 Mar. 19 hon. dis. 31 Mar. 19 | pvt., qm. sgt., tr. C. 16 Dec. 95 to 22 Apr. 99 2 Lt. 22 Apr. 99 1 Lt. 2 Nov. 99 assigned duty sq. C. 23 Dec. 04 1 Lt. sq. qm. sq. C. with o. r. 11 Feb. 05 supn., reassigned 21 Jan. 08 cap. sq. C. 18 Mar. 08 trs. 1 Cav. 28 Dec. 11 trs. 2 Cav. 11 Mar. 12 assigned 1 Cav. 10 Dec. 13 maj. 3 June 15 accepted 4 June 15 dft. 5 Aug. 17 lt. col. a. g. d. 1 Apr. 19 accepted 1 Apr. 19 | N. Y. 31 May 72 |
| <i>Major, Adjutant</i> Reagan, Allan Lawrence, 6 Apr. 16 | mustered into u. s. a. ser. 30 June 16 out 22 Dec. 16 into 16 July 17 asst. adj. 27 Div. major 53 pioneer inf. 8 Dec. 17 hon. dis. 19 July 19 | pvt., corp., sgt., co. A. 10 bat. 8 Nov. 00 to 1 May 05 1 Lt. bat. adj. 10 inf. 1 May 05 cap. 11 Oct. 06 asst. a. g., S. N. Y., lt. col. 1 Oct. 10 asst. a. g., S. N. Y., col. 21 Mar. 12 supn. 15 Feb. 13 maj. insp. gen. 6 Apr. 15 major, staff major gen. com'dg div. 23 June 16 accepted 23 June 16 dft. 5 Aug. 17 maj. a. g. d. 1 Aug. 19 accepted 1 Aug. 19 | Pa. 11 Dec. 64 |
| <i>First Lieutenant, Assistant Adjutant</i> Walsh, James A., 6 June 19 | 2 Lt., a. g. d., 19 Oct. 18 hon. dis. 26 May 19 | pvt. hqr. div. 1 May 17 hon. dis. 8 Aug. 17 r. l. 6 June 19 1 Lt. a. g. d. 6 June 19 accepted 6 June 19 | N. Y. 23 Aug. 95 |
| <i>Lieutenant Colonel, Inspector</i> Burleigh, George W., 18 Oct. 17 | cap., v. c. a. | lt. col. 9 a. a. o. 18 Oct. 17 col. 9 c. a. o. 19 Sep. 18 r. l. 2 Oct. 19 lt. col. i. g. d. 7 Oct. 19 accepted 8 Oct. 19 | ..... |
| <i>Lieutenant Colonel, Judge Advocate</i> Kincaid, James Leslie, 2 Apr. 18 | mustered into u. s. ser. 30 June 16 out 22 Dec. 16 into 16 July 17 lt. col., i. a., 27 Div., 9 Sep. 18 hon. dis. 1 Apr. 19 | pvt. tr. D. 26 Apr. 04 to 19 Sep. 04 pvt., corp., sgt., 1 sgt., tr. D. 8 Oct. 04 hon. dis. 6 May 09 pvt., 1 sgt. 6 May 09 hon. dis. 5 May 10 pvt. tr. D. 6 May 10 to 5 July 11 2 Lt. tr. D. 5 July 11 tra. 1 Cav. 23 Dec. 11 det. aide staff division commander. 8 May 12 to 30 Nov. 14 1 Lt. 1 Cav. 2 Aug. 12 tra. 2 Cav. 5 Nov. 13 assigned 1 Cav. 10 Dec. 13 maj. 30 June 15 lt. col. i. g. d. 12 May 16 maj. i. a. g. d. 23 June 16 accepted 28 June 16 adj. 5 Aug. 17 r. l. 10 Apr. 19 lt. col. i. a. g. d. 23 May 19 accepted 1 June 19 | N. Y. 23 Nov. 85 |

NEW YORK GUARD—(Continued)
COMMANDING GENERAL AND STAFF—(Continued)

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|---|--|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Major, Assistant Judge Advocate</i> | | | |
| McDermott, Arthur V., 26 June 19 | mustered into u. s. ser. 30 June 16 out 20 Mar. 17 into 21 July 17 hon. dis. . 20 Mar. 17 | pvt. tr. E, 1 cav. 3 Mar. 18 full and hon. dis. 6 Mar. 16 re-enlisted. 6 Mar. 16 hon. dis. 7 Apr. 17 cap. 14 inf. 7 Apr. 17 dft. 5 Aug. 17 maj. j. a. g. d. 26 June 19 accepted. 3 July 19 | |
| <i>COAST DEFENSE OFFICER</i> | | | |
| <i>Colonel</i> | | | |
| Taylor, Washington Irving, 4 May 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Emplacement Officer), 3 (Range and Communication Officer), 4 (Battery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander). Special course c. a. c. school, Jan.-Feb. 18 | mustered into u. s. ser. 16 July 17 asst. c. d. c. Sandy Hook. . 1 Sep. 17 c. o. 45 regt. c. a., hon. dis. . 1 July 18 2 Jan. 19 | 2 lt. (D), 13 inf. 17 Dec. 89 1 lt. (I) 11 June 90 trs. co. E. 13 Dec. 93 cap. 23 Mar. 94 insp. rifle practice with o. r. 27 July 97 supn. 7 May 98 resigned. 27 May 98 cap. i. s. a. p. 13 inf. 1 June 00 maj. art. eng. and o. o. 22 May 07 supn., resigned. 21 Jan. 08 maj. c. a. c. 6 Feb. 08 det. asst. to chief c. a. 6 Nov. 08 lt. col. c. a. c. 4 June 09 col. c. a. c. 14 May 17 accepted. 14 May 17 dft. 5 Aug. 17 col. c. a. c. 1 Apr. 19 accepted. 1 Apr. 19 | N. Y. 13 Dec. 64 |
| <i>Lieutenant Colonel, Machine Gun Officer</i> | | | |
| Gardner, Kenneth, 19 Feb. 19 | mustered into u. s. ser. 26 June 16 out 2 Dec. 16 maj. inf. . 30 Mar. 18 lt. col. 19 Feb. 19 hon. dis. . 1 Apr. 19 | pvt., corp., sgt., 22 sep. co. (co. E. 3 inf.) Ind. N. G. 28 Mar. 00 to — Mar. 03 pvt., bat. sgt. maj. 13 May 03 2 lt. 12 May 05 1 lt. 7 July 06 pvt., co. H, 8 inf., N. G. N. Y. trs. co. B, 7 inf., corp., bat. sgt. maj. 3 Sep. 07 to 30 July 14 2 lt. 30 July 14 cap. 13 Jan. 16 accepted. 13 Jan. 16 dft. 5 Aug. 17 lt. col. inf. 2 June 19 accepted. 17 June 19 | Ind. 25 Dec. 82 |
| <i>Lieutenant Colonel, Inspector</i> | | | |
| Wainwright, J. Mayhew, 6 July 16 Awarded D. S. M. | cap. 12 N. Y. V., 13 May 98 to 17 Sep. 98 mustered into u. s. ser. 15 July 17 hon. dis. . 31 Mar. 19 | 2 lt. 12 inf. 29 Mar. 89 1 lt., adj. 12 inf. 17 July 91 cap. 22 May 96 full and hon. dis. 19 Dec. 99 lt. col. 12 inf. 8 Dec. 03 placed on r. l. 3 July 16 detailed to duty state arsenal. 3 July 16 lt. col., insp. gen. dep. 6 July 16 accepted. 6 July 16 dft. 5 Aug. 17 | N. Y. 10 Dec. 64 |

REPORT OF THE ADJUTANT-GENERAL

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|---|--|-----------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel, Quartermaster</i> | | | |
| Sternberger, Henry Sherman, 28 June 16 | 2 lt. 22 N. Y. inf., pr 9 May 98 1 lt. 25 Sep. 98 1 lt. and reg. qm., 14 Oct. 98 to 23 Nov. 98 mustered into u. s. l. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 lt. col. 27 div., qm. hon. dis. . 1 Apr. 19 | t. co. E, 22 inf. 7 June 89 hon. dis. 11 June 94 bat. qm. 1 lt. 22 inf. 22 July 95 cap. comy. of sub. 6 Feb. 99 cap. c. of e. 23 Jan. 08 col. 5 June 12 col. q. m. c. 28 June 16 accepted. 28 June 16 dft. 5 Aug. 17 lt. col. q. m. c. 1 Apr. 19 accepted. 1 Apr. 19 | N. Y. 8 Apr. 65 |
| <i>Major, Assistant to Quartermaster</i> | | | |
| Monis, Raymond Thomas, 18 Feb. 19 | mustered in co. D, 201 N. Y. vols., inf. 17 July 98 corporal. 17 July 98 qm. sgt. 18 Jan. 99 out 3 Apr. 99 mustered into u. s. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 r. l. 6 Aug. 19 maj. q. m. c., 19 18 Feb. 27 div., hon. dis., 31 Mar. | pvt. co. E, 23 inf. 6 June 98 qm. sgt. 23 Sep. 07 post c. sgt. 14 Jan. 13 qm. sgt., f. and h. dis. 5 June 15 re-enlisted. 6 June 15 cap. q. m. c. 20 June 16 accepted. 20 June 16 assigned to div 2. 27 Apr. 17 assigned to 2 pr. regt. 13 Aug. 17 to 17 Sep. 17 dft. 5 Aug. 17 r. l. 6 Aug. 19 maj. q. m. c. 19 Aug. 19 accepted. 27 Aug. 19 | N. Y. 25 Sep. 90 |
| <i>Major, Assistant to Quartermaster</i> | | | |
| Farrell, Joseph William, 2 May 17 | mustered into u. s. ser. 13 July 16 out 20 July 16 mustered into u. s. ser. 10 July 17 asst. qmr., 27 div., hon. dis. 1 Apr. 19 | pvt. co. E, 71 inf. 7 May 01 dropped for removal. 10 Jan. 02 taken up from dropped co. G, 22 engs. 3 Jan. 06 regt. c. sgt. 23 Mar. 06 post c. sgt. 5 Feb. 08 post q. m. sgt. 1 Sep. 09 qm. sgt. q. m. c. 1 Nov. 14 f. and h. dis., re-enlisted, 7 May 15 sgt. 1 cl. 19 May 15 cap. q. m. c. 20 June 16 maj. 2 May 17 accepted. 3 May 17 dft. 5 Aug. 17 maj. q. m. c. 2 Apr. 19 accepted. 2 Apr. 19 | N. Y. 17 Feb. 76 |
| <i>Captain</i> | | | |
| McWilliams, John I., 3 Aug. 17 | mustered into u. s. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 cap. san. tr. 27 div., hon. dis. 24 Apr. 19 | pvt. co. E, 23 inf. 27 Feb. 14 trs. to hdqrs. det. 2 f. a. 19 Jan. 15 sgt. 16 Sep. 15 trs. q. m. c. 22 June 16 2 lt. q. m. c. 31 Mar. 17 1 lt. inf., m. p. 6 July 17 cap. q. m. c. 3 Aug. 17 accepted. 3 Aug. 17 dft. 5 Aug. 17 cap. q. m. c. 23 May 19 accepted. 25 May 19 | Brooklyn 2 Feb. 99 |

NEW YORK GUARD—Continued
 COMMANDING GENERAL AND STAFF—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captain</i> | | | |
| Peppard, George W., 27 sep. 18 | mustered into u. s. ser. 8 june 98 chief yeoman, 2 aug. 98 dis. 6 oct. 98 mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 15 july 17 cap. q. m. c., 27 div., 27 sep. 18 hon. dis. . 31 mar. 19 | seaman 1 div., 2 bat., N. M., N. Y. 14 june 97 full and hon. dis. 10 may 05 seaman 2 bat. N. M. and appointed paymaster's yeoman... 7 jan. 08 dis. 9 july 12 pvt. tr. B, 1 cav. 1 dec. 15 regtl. sup. sgt. 12 july 16 2 lt. q. m. c. 31 mar. 17 accept-d. 31 mar. 17 dft. 5 aug. 17 cap. q. m. c. 1 apr. 19 accepted. 1 apr. 19 | N. Y. 22 feb. 73 |
| <i>First Lieutenant, Assistant to Quartermaster</i> | | | |
| Bubbs, Charles L., 16 may 19 | mustered into u. s. ser. 17 july 17 2 lt. q. m. c., 4 dec. 18 hon. dis. . 31 mar. 19 | pvt., corp. co. C, 3 inf., 9 oct. 05 f. and h. dis. 1 apr. 11 pvt. sgt. 5 apr. 11 f. and h. dis. 12 apr. 13 pvt. 12 apr. 13 post qm. sgt. and att. to 3 inf. 13 apr. 15 pvt. q. m. c. 13 apr. 15 war cont., sgt. 1 cl. 1 may 17 dft. 5 aug. 17 2 lt. q. m. c. 1 apr. 19 1 lt. q. m. c. 16 may 19 accepted. 19 may 19 | N. Y. 19 mar. 87 |
| <i>First Lieutenant</i> | | | |
| Floersheimer, Joseph H., 16 may 19 | mustered into u. s. ser. 16 july 17 sgt. 1 cl. . 2 may 18 2 lt. q. m. c., 24 sep. 18 hon. dis. . 31 mar. 19 | pvt. q. m. c. 15 may 17 sgt. 16 july 17 dft. 5 aug. 17 1 lt. q. m. c. 16 may 19 accepted. 24 may 19 | N. Y. 22 apr. 98 |
| <i>Lieutenant Colonel, Ordnance Officer</i> | | | |
| Daly, Joseph James, 11 nov. 18 | mustered into u. s. ser. 7 july 16 out 14 jan. 17 into 12 june 17 o. o. 27 div., lt. col. 11 nov. 18 o. d. 11 nov. 18 hon. dis. . 3 mar. 19 | pvt. co. I, 22 eng. trs. co. M, pvt. 1 class, corp., sgt. 21 aug. 05 to 8 apr. 11 2 lt. c. of e. 8 apr. 11 1 lt. 28 may 12 cap. 13 june 13 r. l. 23 dec. 14 cap. c. of e. 22 jan. 15 maj. ord. dept. 12 apr. 17 accepted. 13 apr. 17 dft. 5 aug. 17 lt. col. ord. dept. 1 apr. 19 accepted. 1 apr. 19 | N. Y. 9 sep. 84 |

REPORT OF THE ADJUTANT-GENERAL

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|---|------------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Major, Assistant Ordnance Officer</i> | | | |
| Waterbury, Frederick Martin, 22 nov. 09 Graduate Army War College, Staff Officers course dec. 18. Qualified in examination, lt. col. ord. dept., July, 17. | mustered into u. s. ser. 30 june 16 out 22 dec. 16 into 27 dec. 17 served with 27 div.: hon. dis. 31 oct. 19 o. o., d. c. and s. t.: 96 div.; 14 div.: nitro general, ord. dept.; c. o. ord. dept. Ft. Wingate, N. M.; c. o. ord. dept., Charleston, S. C. | pvt., corp., sgt., 22 sep. co. 5 feb. 91 2 lt. 8 may 95 to 17 may 98 cap. 122 sep. co. 0 dec. 98 supn. assigned to duty, acting asst. i. s. a. p. 2 inf. 15 nov. 00 relieved. 17 apr. 01 assigned to duty, acting asst. i. s. a. p. 2 inf. 19 june 01 cap. i. s. a. p. 2 inf. 26 apr. 04 supn., reassigned. 21 jan. 08 cap. o. d. 24 feb. 08 maj. 27 nov. 09 assigned staff div. commander, o. o., maj. 1 jan. 13 lt. col. 31 mar. 17 accepted. 4 apr. 17 dft. 5 aug. 17 r. l. 7 nov. 19 maj., ord. dept. 1 dec. 19 accepted. 1 dec. 19 | N. Y. 11 may 68 |
| <i>Major</i> | | | |
| Lewis, Tracy H., 15 mar. 19 | 2 lt., assoc. instr. in gunnery, 1 mar. 18 to 2 oct. 18 range officer, balloon school. 2 oct. 18 to 20 dec. 18 | cap. inf. 27 dec. 18 aide to gov. 1 jan. 19 major, o. d. 15 mar. 19 accepted. 17 mar. 19 | Ohio 30 nov. 90 |
| <i>Major</i> | | | |
| Mundy, Joseph Aloys Suttan, 16 sep. 19 | mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 2 apr. 17 adj. 106 N. Y., 1 oct. 17 asst. adj. 27 div., 10 dec. 18 hon. dis. 26 may 19 | pvt., corp., sgt., 1 sgt., co. D, 23 inf. 22 apr. 01 to 25 may 11 2 lt. 23 inf. 25 may 11 1 lt. 17 july 12 cap. 20 nov. 13 accepted. 24 nov. 13 dft. 5 aug. 17 cap. a. g. d. 27 may 19 maj. ord. dept. 16 sep. 19 accepted. 16 sep. 19 detailed to div. 2 dec. 19 | N. Y. 25 mar. 90 |
| <i>Colonel, Chief Surgeon</i> | | | |
| Montgomery, Walter Clark, 21 mar. 17 | mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 16 july 17 | asst. sur., cap. 30 dec. 08 cap. m. c. 17 may 09 maj. 7 oct. 11 lt. col. 21 mar. 17 accepted. 22 mar. 17 dft. 5 aug. 17 col. m. c. 1 apr. 19 accepted. 1 apr. 19 | N. Y. 19 may 78 |
| Awarded D. S. M. | | | |

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|---|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel, Surgeon</i> | | | |
| Salisbury, Lucius Albert, 19 mar. 19 | mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 apr. 17 lt. col. m. c. 27 div. 19 mar. 18 hon. dis. . 31 mar. 19 | pvt., co. B, 1 inf. N. G. R. I. 29 oct. 02 hon. dis. 20 may 04 pvt. co. M, 23 inf., N. G. N. Y. 9 may 10 to 28 feb. 11 1 lt. m. c. 28 feb. 11 cap. 7 mar. 14 maj. 3 apr. 17 accepted 5 apr. 17 dft. 5 aug. 17 lt. col. m. c. 1 may 19 lt. col. m. c. (Se. D.) 24 nov. 19 accepted 15 dec. 19 | N. Y. 21 jan. 82 |
| <i>Lieutenant Colonel</i> | | | |
| Carney, Matthew F., 5 june 19 | mustered into u. s. ser. 25 july 17 trs. 107 am. co., 1 oct. 17 act. div. d. s., 23 apr. 18 cap. d. c. — oct. 18 major, d. c. 18 feb. 19 hon. dis. . 31 mar. 19 | 1 lt. d. c. 5 june 17 accepted 9 june 17 dft. 5 aug. 17 lt. col. d. c. 5 june 19 accepted 5 june 19 | N. H. 30 sep. 87 |
| <i>Major</i> | | | |
| Dunseith, John F., 17 july 17 | mustered into u. s. ser. 28 june 16 out 25 oct. 16 | pvt., field hosp. 25 nov. 17 corp. 15 may 08 asst. surg., 1 lt. 15 mar. 09 1 lt. m. c. 17 may 09 cap. m. c. 18 mar. 12 major, m. c. 1 oct. 13 aide to gov. 1 jan. 15 relieved. 26 july 15 full and hon. dis. 7 july 17 r. l. 17 july 17 major, m. c. 28 feb. 18 accepted 1 mar. 18 | N. Y. 27 oct. 76 |
| <i>Major</i> | | | |
| Boswell, Charles Oliver, 25 june 17 Army Field Service School, Medical Officers, 1915, Fort Leavenworth, Kan., Direct Amb. Cos. | mustered into u. s. ser. 3 july 16 out 27 dec. 16 into 22 july 17 ormaj. san. tr. 27 div. 23 aug. 18 hon. dis. . 6 june 19 | pvt. 1 sep. co. 23 dec. 99 to 9 mar. 00 1 lt. asst. surg. 9 mar. 00 supn., reassigned. 21 jan. 08 div. 1 lt. asst. surg. 9 mar. 08 cap. m. c. 17 may 09 maj. 25 june 17 accepted 26 june 17 dft. 5 aug. 17 maj. m. c. 21 june 19 accepted 28 june 19 | N. Y. 16 aug. 71 |
| <i>Major</i> | | | |
| Towner, Albert N., 23 aug. 18 | mustered into u. s. ser. 25 july 17 cap. v. c. 28 dec. 17 major, v. c. 27 div. 23 aug. 18 23 aug. 18 23 aug. 18 trs. 2 army cps., 19 oct. 18 chief vet. A. E. F., 1 feb. 19 hon. dis. . 31 may 19 | 2 lt. vet. 8 june 17 accepted 12 june 17 dft. 5 aug. 17 r. l. 14 june 19 major, v. c. 18 june 19 accepted 25 june 19 | N. Y. 4 dec. 86 |

REPORT OF THE ADJUTANT-GENERAL

NEW YORK GUARD—(Concluded)
COMMANDING GENERAL AND STAFF—(Concluded)

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|--|--------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captain</i> | | | |
| Ballantyne, Reginald M., 10 apr. 18 | mustered into u. s. ser. 8 jan. 17 out 17 mar. 17 into 22 mar. 17 1 lt. 105 amb. co. cap. m. c., 10 apr. 18 hon. dis. . 4 mar. 19 | pvt. tr. D, 1 cav. 3 may 16 1 lt. m. c. 16 dec. 16 accepted. 23 dec. 16 dft. 5 aug. 17 cap. m. c. 9 june 19 accepted. 30 june 19 | Can. 17 apr. 85 |
| <i>Captain, Field Artillery, Aide</i> | | | |
| Gibbons, George Billings, 10 apr. 17 | mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 30 june 17 cap. 104 f. a. hon. dis. 1 apr. 19 | pvt. sq. A, cav. 11 aug. 09 hon. dis. 25 oct. 14 pvt. batty. E, 1 f. a. corps. 22 oct. 14 to 1 feb. 15 2 lt. 1 feb. 15 1 lt. 15 feb. 16 cap. 10 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 cap. f. a. 15 dec. 19 accepted. 15 dec. 19 | Mich. 5 june 84 |
| <i>Captain, Infantry, Aide</i> | | | |
| Wear, D. Walker, 21 dec. 18 | | capt. inf. N. Y. G. 21 dec. 18 accepted. 26 dec. 18 aide to governor. 1 jan. 19 | ..... |
| <i>Captain, Cavalry Aide</i> | | | |
| Crane, Theodore, 1 apr. 19 | mustered into u. s. ser. 30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 m. g. btn. assigned aide 27 div. hon. dis. . 31 mar. 19 | pvt., corp., sq. A. 20 oct. 06 corp., sgt., tr. E. 25 oct. 11 and tr. B. 26 oct. 11 to 22 june 15 1 lt. 11 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 cap. cav. 1 apr. 19 accepted. 1 apr. 19 | N. J. 2 july 81 |

NEW YORK GUARD — BRIGADIER GENERALS

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|-----------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Brigadier Generals</i> Lester, James Westcott, 6 june 11 bvt. maj. gen. 7 jan. 13 | maj. 2 N. Y. inf., 2 may 98 to 25 oct. 98 mustered into u. s. ser. 28 june 16 out 7 mar. 17 into 16 july 17 com'dg 54 brig., 1 oct. 17 hon. dis. . 6 apr. 19 | pvt., sgt. 22 sep. co. 25 nov. 84 to 15 jan. 92 cap. 15 jan. 92 maj. 14 bat. 29 mar. 98 maj. 2 inf. with o. r. 18 nov. 98 lt. col. 31 mar. 99 col. 11 dec. 03 brig. gen. 3 brig. 6 june 11 accepted. 7 june 11 dft. 5 aug. 17 det. to command 3 brig. 30 apr. 19 brig. gen. 3 brig. 8 oct. 19 accepted. 10 oct. 19 | N. Y. 8 sep. 59 | com'dg 3 brig. |
| Dyer, George Rathbone, 4 sep. 17 bvt. maj. gen. 8 apr. 15 In command 2 N. Y. G. 19 feb. 18 to 31 mar. 19 | cap. 12 N. Y. inf., 2 may 98 maj. 13 may 98 to 20 apr. 99 mustered into u. s. ser. 28 june 16 out 27 sep. 16 | pvt. co. K, 7 inf. 10 june 89 to 16 may 92 2 lt. 12 inf. (G) 16 may 92 1 lt. 7 mar. 93 cap. 2 may 93 maj. 12 inf. 28 june 99 col. 7 sep. 99 brig. gen. 1 brig. 28 feb. 12 resigned. 9 apr. 17 r. l. 9 apr. 17 detailed to active duty, s. g. 9 apr. 17 brig. gen. 1 brig., N. Y. G. 4 sep. 17 accepted. 4 sep. 17 | R. I. 24 june 69 | com'dg 1 brig. |
| Babeock, Louis Locke, 29 sep. 17 comd'g 4 brig., 29 sep. 17 to 18 apr. 19 | cap. 65 N. Y. inf., 1 may 98 to 19 nov. 98 | pvt., corp., co G, 65 inf. 7 jan. 90 to 12 nov. 90 2 lt. (D) 12 nov. 90 1 lt. 1 mar. 93 cap. (K) 1 may 98 supn. 25 oct. 99 j. s. 4 brig. maj. 20 jan. 03 supn., reassigned. 21 jan. 08 j. s. maj. 16 mar. 08 retired. 13 aug. 15 brig. gen. 24 sep. 17 accepted. 29 sep. 17 | N. Y. 14 dec. 68 | com'dg 4 brig. |
| Kemp, Francis DeForest, 22 nov. 17 comd'g 3 brig., 23 nov. 17 to 30 apr. 19 | | pvt. 6 sep. co. 2 feb. 99 corp. 8 oct. 02 sgt. 25 mar. 05 1 lt. 21 sep. co. 19 may 05 cap. 22 june 06 assigned. 31 jan. 12 r. l. 22 june 16 col. 12 sep. 17 brig. gen. 22 nov. 17 accepted. 23 nov. 17 | N. Y. | com'dg 3 brig. |
| Robb, James, 22 dec. 17 | | pvt. co. C, 23 inf. 30 apr. 00 corp. 1 june 03 sgt. 4 apr. 04 1 lt. (C) 23 inf. 12 dec. 07 cap. 5 feb. 10 with rank from. 28 jan. 10 resigned. 8 mar. 13 cap., det. bat. 23 inf. 11 july 16 maj. det. bat. 23 inf. 11 july 17 maj. 23 inf. 11 july 17 col. 30 oct. 17 brig. gen. 22 dec. 17 accepted. 25 dec. 17 | Scot. 26 mar. 70 | com'dg 2 brig. |

NEW YORK GUARD—BRIGADIER GENERALS—*Concluded*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|---|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Brigadier Generals—Concluded</i> | | | | |
| ennings, Edgar Stilson, 13 sep. 19 Graduate Garrison Schools, 1915. | 1 sgt. co. M, 3 N. Y. inf. 1 may 98 2 lt. 21 june 98 1 lt. 11 nov. 98 to 2 dec. 98 mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 18 apr. 17 hon. dis. . 31 mar. 19 c. o. 108 inf. | pvt., corp., sgt., 1 sgt., 2 sep. co. 3 mar. 91 to 4 may 99 2 lt. 4 may 99 1 lt. 22 june 99 1 lt. 15 june 04 maj. 3 inf. 17 mar. 11 col. 29 dec. 15 accepted. 30 dec. 15 dft. 5 aug. 17 col. 3 inf. 1 apr. 19 brig. gen. 4 brig. 13 sep. 19 accepted. 16 sep. 19 | N. Y. 25 aug. 71 | com'dg 4 brig. |

NEW YORK GUARD — AIDES TO GENERAL OFFICERS

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|---|---|------------------------|---------------------|
| | In the armies of U. S. or foreign [states] | In the National Guard | | |
| ADJUTANTS TO GENERAL OFFICERS | | | | |
| <i>Captains</i> | | | | |
| Gibbons, George B., 10 apr. 17 | | (See Division Staff). | | |
| Barbour, William Warren, 18 oct. 17 | mustered into u. s. ser. 23 june 16 out 27 sep. 16 | pvt. sq. A. 20 jan. 08 corp. 23 feb. 12 full and hon. dis. 15 mar. 13 1 lt. 12 inf. 26 june 16 hon. dis. 1 may 17 r. l. 2 may 17 cap. 18 oct. 17 accepted. 24 oct. 17 | N. Y. 31 july 88 | 1 brig. |
| Lawrence, Townsend, 28 feb. 18 | pvt. tr. A. N. Y. Vol. cav. 2 may 98 to 6 july 98 1 lt. u. s. 20 eng., 6 july 98-99 a. d. c. to brig. gen. | pvt. tr 2, sq. A. 15 jan. 96 — oct. 9 1900 p. i. s. g. dept. N. Y. G. 28 feb. 18 cap. inf. N. Y. G. 2 oct. 18 accepted. 15 oct. 18 | N. Y. july 71 | |
| <i>Captains</i> | | | | |
| Wear, D. Walker, 21 dec. 18 | | ... see division. | | |
| Crane, Theodore, 1 apr. 19 | | ... see division. | | |
| Sanger, Louis P., 1 brig. 25 may 20 | mustered into u. s. ser. 15 july 17 1 lt. 102 sup. train: hon. dis. . . 3 apr. 19 | pvt. 1 armored motor baty. 1 apr. 16 tran. to supply train. . . 3 apr. 17 1 lt. q. m. o. 11 july 17 accepted. 14 july 17 dft. 5 aug. 17 r. l. 13 june 19 cap. inf. 25 may 20 accepted. 28 may 20 | N. Y. 24 june 85 | |
| <i>First Lieutenants</i> | | | | |
| Bloomer, Frank H., 4 brig. 10 july 18 | mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 31 mar. 17 1 lt. 68 inf. 31 mar. 19 hon. dis. . . 31 mar. 19 | pvt. co. B, 74 inf., corp., sgt. 22 feb. 04 to 17 nov. 08 btl. sgt. maj. 14 mar. 12 full and hon. dis. 31 dec. 16 2 lt. 74 inf. 1 jan. 17 accepted. 1 jan. 17 dft. 5 aug. 17 1 lt. inf. 27 oct. 19 accepted. 30 oct. 17 | N. Y. 26 mar. 82 | |
| Osborne, Charles D., 4 brig. 26 sep. 19 | mustered into u. s. ser. 5 july 16 out 5 oct. 16 2 lt. 307 m. g. bat., 2 may 17 hon. dis. . . 9 mar. 19 | pvt. co. M, 3 inf. 20 jan. 16 hon. dis. 16 apr. 17 r. l. 30 sep. 19 1 lt. inf. 26 sep. 19 accepted. 1 oct. 19 | N. Y. 22 nov. 88 | |

NEW YORK GUARD—AIDES TO GENERAL OFFICERS—*Continued*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|-----------------------|------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |

CORPS OF ENGINEERS

| | | | | |
|--|-------|---|---------------------|-------------------|
| <i>Majors</i> | | | | |
| Dahl, George Conrad, 10 oct. 17 Retired.....18 apr. 19 | ..... | pvt., ord. sgt., co. F, 74 inf..... 7 mar. 00 to 16 apr. 01 1 lt. asst. i. s. a. p.....16 apr. 01 cap. i. s. a. c..... 8 dec. 03 asst. i. s. a. p. 4 brig., cap. with o. r.....12 june 05 comy. of sub. 4 brig., maj..... 3 may 07 supn., reassigned.....21 jan. 08 comy. maj.....16 mar. 08 qm. corps..... 1 nov. 14 resigned.....12 may 15 maj.....10 oct. 17 accepted.....18 Oct. 17 | N. Y. 25 mar. 73 | hdqrs. 4 brig. |
| Loughman, Michael H., 8 jan. 19 | ..... | pvt. co. F, 22 eng..... 6 nov. 18 sgt. 2 lt. ....28 aug. 18 cap. c. of e.....24 dec. 18 accepted.....24 dec. 18 aide to governor..... 1 jan. 19 maj. c. of e..... 8 jan. 19 accepted.....13 jan. 19 | N. Y. 11 aug. 06 | ..... |

STATE ADMINISTRATIVE STAFF

| | | | | |
|--|-------|---|-----------|-------|
| CORPS OF ENGINEERS | | | | |
| <i>Majors</i> | | | | |
| Schultz, Leonard, 17 may 17 | ..... | maj.....17 may 17 accepted.....21 may 17 | ..... | ..... |
| Gottahall, William C., 26 june 17 | ..... | maj.....26 june 17 accepted.....29 june 17 | Mo. 70 | ..... |
| Smith, Walter Fenny, 17 may 17 | ..... | maj.....17 may 17 accepted.....22 may 17 | ..... | ..... |
| <i>Captains</i> | | | | |
| Fuller, Weston E., 24 may 17 | ..... | cap.....24 may 17 accepted.....28 may 17 | ..... | ..... |
| Guggenheim, Edmund A., 6 june 17 | ..... | cap..... 6 june 17 accepted..... 6 june 17 | ..... | ..... |
| Bacon, John Fairbank, 17 may 17 | ..... | cap.....17 may 17 accepted.....23 may 17 | ..... | ..... |
| JUDGE ADVOCATE GENERAL'S DEPARTMENT | | | | |
| Peales, Amos Jenkins, 23 june 17 | ..... | cap.....23 june 17 accepted.....25 june 17 | ..... | ..... |

JUDGE ADVOCATE GENERAL'S DEPARTMENT

| Name, grade, date of rank and highest brevet rank | Service | | At- tached to |
|--|---|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel</i> | | | |
| Kincaid, James L., 2 apr. 18 | | (See Division). | |
| Kingsbury, Howard T., 21 sep. 18 | cap. v. c. a. | cap. 9 c. d. c. 29 oct. 17 maj. 11 dec. 17 lt. col. 2 sep. 18 accepted. 6 sep. 18 | N. Y. 1 apr. 70 |
| <i>Majors</i> | | | |
| Jung, Edward Leopold, 10 oct. 17 | ..... | pvt. 74 inf. 27 may 98 2 lt. 10 dec. 98 hon. dis. 30 oct. 00 maj. 10 oct. 17 accepted. 12 oct. 17 | N. Y. 30 may 74 |
| Beckwith, Frederick M., 9 feb. 18 | ..... | maj. j. a. g. d. 9 feb. 18 accepted. 13 feb. 18 | N. Y. 27 sep. 88 |
| Vandiver, Almuth C., 25 feb. 19 | N. G. Alabama, maj. | cap. 14 inf. 12 jan. 18 maj. ord. dept. 28 mar. 18 accepted. 1 apr. 18 hon. dis. 11 oct. 18 r. l. 17 dec. 18 maj. j. a. g. d. 23 feb. 19 accepted. 3 mar. 19 | Ala. 21 june 79 |
| McDermott, Arthur V., 26 june 19 | | (See Division). | |
| Cadotte, Damase Joseph, 4 dec. 19 | mustered into u. s. ser. 2 july 16 out 28 feb. 17 into 31 mar. 17 cap. 108 inf., 1 oct. 17 hon dis... 31 mar. 19 | pvt., corp., agt., co. F, 74 inf. 28 mar. 98 to 26 sep. 05 2 lt. (F), 74 inf. 26 sep. 05 1 lt. 74 inf. 15 mar. 09 cap. c. d. 20 nov. 12 cap. 74 inf. 15 may 14 r. l. 1 may 14 1 lt. 74 inf. 1 july 16 cap. 6 oct. 16 accepted. 6 oct. 16 dft. 5 aug. 17 r. l. 5 may 19 maj. j. a. g. d. 4 dec. 19 accepted. 6 dec. 19 | Can. 9 aug. 74 |

QUARTERMASTER CORPS

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|--|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| QUARTERMASTER CORPS | | | | |
| Colonel | | | | |
| Myers, James Weston, 14 may 17 bvt. maj. 3 dec. 08 | mustered into u. s. ser. 26 june 16 out 2 dec. 16 u. s. property and d. o. | pvt. co. B, 7 inf. 22 june 83 to 21 june 88 pvt., corp., co. B, comy. sgt. 7 inf. 9 nov. 88 to 18 feb. 95 comy. of sub. 1 lt. 18 feb. 95 cap. 2 apr. 98 lt. col. 2 apr. 17 col. q. m. c., N. G. N. Y. 14 may 17 accepted. 16 may 17 | N. Y. 7 july 64 | N. Y. arsenal |
| Lieutenant Colonel | | | | |
| Sternberger, Henry S., 28 june 16 | ..... | see division. | | |
| Ahern, Charles Joseph, 23 july 17 resigned. 3 jan. 19 | mustered into u. s. ser. 30 june 16 out 10 aug. 16 | mus. f. m. 22 inf., corp. co. I. 30 apr. 00 hon. dis. 12 nov. 06 pvt. 3 batty. 23 sep. 07 to 3 june 08 2 lt. 12 inf. 3 june 08 1 lt. 26 mar. 09 assigned aide 1 brig. 6 mar. 12 maj. qm. corps. 1 oct. 15 resigned. 30 june 17 lt. col. 23 july 17 accepted. 23 july 17 act. adj. 1 brig. 22 sep. 17 N. G. R. 4 may 18 col., a. g. a. 1 jan. 19 resigned. 3 jan. 19 | N. Y. 14 sep. 81 | ..... |
| Majors | | | | |
| Farrell, Joseph W., 2 may 17 | ..... | see division. | | |
| Sheldon, Henry, 19 july 17 Graduate, Garrison Schools, 1914. | mustered into u. s. ser. 30 june 16 out 28 dec. 16 mustered into u. s. ser. 16 july 17 trans. c. c., 313 cav. mar. 1918; to 70 f. a., aug. 1918. hon. dis. . 30 jan. 19 | pvt. tr. 2, sq. A, trs. tr. 1, tra. tr. 3, artif., corp., guidon sgt., sgt., pvt. tr. L, 1 cav. 26 nov. 00 hon. dis. 2 feb. 12 1 lt. 1 cav. 19 feb. 12 cap. 11 june 12 assigned machine gun tr. 5 nov. 13 maj. q. m. c. 19 july 17 accepted. 19 july 17 dft. 5 aug. 17 maj. q. m. c. 12 may 19 accepted. 21 may 19 | N. Y. 9 oct. 74 | a. c. & d. |
| Wilson, Edward J., 11 dec. 17 served with prov. brig. | pvt., corp., sgt., act. hosp. steward, 71 N. Y. V., 2 may 98 to 17 nov. 98 | pvt. co. C, 71 inf. 15 sep. 92 corp. 28 june 97 f. and h. dis. 10 mar. 99 pvt., corp. co. L, 10 inf. 19 sep. 10 to 18 may 15 qms., q. m. c. 18 may 15 to 22 may 17 2 lt. q. m. c. 22 may 17 cap. 2 inf. 26 sep. 17 maj. q. m. c. 11 dec. 17 accepted. 11 dec. 17 | N. Y. 22 june 71 | 3 brig. |

QUARTERMASTER CORPS — (Continued)

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|------------------------|--|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Majors—Continued</i> | | | | |
| Donovan, Lawrence Col- lins, 14 jan. 19 | | pvt. co. G, eng., tra. co. K, corp. 11 jan. 09 to 29 may 13 2 lt. c. of e. 29 may 13 r. l. and reassigned to duty 24 dec. 14 2 lt. 22 jan. 15 1 lt. 14 june 15 hon. dis. 26 feb. 17 1 lt. 22 eng. 23 nov. 17 accepted 3 dec. 17 cap. 28 feb. 18 cap. i. g. d. 19 apr. 18 accepted 24 apr. 18 f. and h. dis. 8 oct. 18 maj. q. m. c. 14 jan. 19 accepted 20 jan. 19 see division. | N. Y. 25 july 90 | 2 brig. |
| Monis, Raymond F., 18 feb. 19 | | | | |
| <i>Captains</i> | | | | |
| Hutchinson, Franklin S., 4 apr. 17 | maj. u. s. a. 3 dec. 17 dft. examiner and d. o. | pvt. co. A, 10 inf. 28 feb. 07 post qm. sgt. 10 oct. 08 retd. to ranks and tra. to co. H, 8 inf. 21 mar. 09 full and hon. dis. 8 july 11 cap., q. m. c. 4 apr. 17 accepted 4 apr. 17 | N. Y. 24 mar. 09 | st. ad. staff |
| Leonard, Edgar C., 7 apr. 17 | | pvt. co. A, 10 bat. 27 oct. 86 corp. 7 jan. 89 full and hon. dis. 5 dec. 91 cap. q. m. c. 7 apr. 17 accepted 10 apr. 17 | | st. ad. staff |
| Bogardus, Abram Allan, 18 apr. 17 | | cap. q. m. c. 18 apr. 17 accepted 19 apr. 17 | | st. ad. m. s. k. arsenal N. Y. C. |
| Miller, Edward, 6 july 17 | | pvt. co. D, 8 batn. 20 feb. 94 corp. 4 mar. 95 ret. to ranks at own request 26 feb. 97 hon. dis. 22 sep. 97 cap. q. m. c. 6 july 17 accepted 9 july 17 | | st. ad. staff |
| McWilliams, John I., 4 aug. 17 | | see division. | | |
| Asch, David, 10 june 18 resigned. 22 may 19 | | cap. q. m. c. 10 june 18 accepted 11 june 18 | N. Y. 23 feb. 83 | |
| Peppard, George W., 27 sep. 18 | | see division. | | |
| Miller, Elmer H., 21 oct. 18 resigned. 22 apr. 19 | mustered into u. s. ser. 31 july 17 dis. 2 aug. 17 | pvt. co. M. 13 mar. 16 corp. 29 may 16 sgt. 22 june 16 1 sgt. 8 july 16 2 lt. 13 sep. 16 cap. 2 oct. 18 accepted 8 oct. 18 | Okla. 1 feb. 92 | |
| Mull, Burton H., 14 nov. 18 | | 2 lt. q. m. c. 7 apr. 17 cap. q. m. c. 14 nov. 18 accepted 14 nov. 18 | N. Y. 12 feb. 76 | |
| Weaver, William W., 41 12 dec. 18 | co., 10 jan. 07 to 9 jan. 10; 12 june 12 to 30 oct. 15. | sgt. q. m. c. 8 jan. 18 cap. 12 dec. 18 accepted 13 dec. 18 | Va. 15 feb. 86 | |

QUARTERMASTER CORPS—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|--|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Captains—Continued</i> | | | | |
| Rugge, George F. 23 dec. 18 | mustered into u. s. ser. 1 July 16 out 23 oct. 16 into 31 mar. 17 hon. dis. 21 dec. 18 | pvt. 18 co. 6 July 04 corp. 18 June 09 sgt. 7 Feb. 10 hon. dis. 26 May 11 pvt. co. A. 15 June 11 2 lt. 20 May 12 1 lt. 6 Oct. 16 cap. 23 Dec. 18 accepted. 23 Dec. 18 asst. c. of s. div. 27 Feb. 19 cap. N. G. R. 11 Mar. 19 to 10 inf., 90 days. 3 Dec. 19 | N. Y. 9 Apr. 85 | ..... |
| Fowner, John, 27 dec. 18 | | 2 lt. 1 f. a. 11 Oct. 17 1 lt. 1 inf. 6 Dec. 17 accepted. 8 Dec. 17 1 prov. regt. 9 Sep. 17 cap. q.m.c. 27 Dec. 18 accepted. 4 Jan. 19 |  | ..... |
| Egan, James P., 27 May 19 | Mex. border service. must. in. 28 June 16 sgt. 4 Sep. 16 sup. sgt. 5 Sep. 16 must. out. 1 Nov. 16 | pvt. 1 f. a. 26 Jan. 15 corp. 25 Apr. 16 hon. dis. 31 May 17 pvt. 1 f. a. 1 Oct. 17 bat. sup. sgt. 2 Oct. 17 2 lt. 1 f. a. 26 Dec. 17 accepted. 29 Dec. 16 1 lt. 12 Jan. 18 cap. 27 Mar. 18 accepted. 30 Mar. 18 r. l. 24 Mar. 19 cap. q.m.c. 27 May 19 accepted. 29 May 19 | N. Y. 29 Jan. 69 | ..... |
| <i>First Lieutenants</i> | | | | |
| Miller, John Valentine, 27 June 18 | | pvt. 3 amb. co. 21 Apr. 13 dis. 20 Apr. 16 2 lt. 21 June 17 1 lt. 27 June 18 accepted. 29 June 18 | N. Y. 14 Mar. 87 | s. & d. |
| Stillings, John A. B., 4 dec. 18 reserve list. 23 Apr. 19 | | pvt. co. C. 7 July 84 corp. 6 Aug. 86 sgt. 24 Oct. 88 f. and h. dis. 1 Nov. 95 r. l. 14 June 16 hon. dis. 6 Dec. 16 1 lt. q.m.c. 4 Dec. 18 accepted. 5 Dec. 18 | N. Y. 28 July 90 | |
| Wisely, Joseph A., Jr., 4 dec. 18 | | pvt. co. A, 10 inf. 23 Apr. 07 hon. dis. 1 Dec. 10 1 lt. q.m.c. 4 Dec. 18 accepted. 4 Dec. 18 | N. Y. 28 Feb. 89 | |
| Lur'e, George J., 12 dec. 18 | | pvt. service co. 14 Dec. 17 tra. to co. H, 22 eng. 14 Mar. 18 hon. dis. 18 Sep. 18 2 lt. q.m.c. 19 Sep. 18 1 lt. 12 Dec. 18 accepted. 14 Dec. 18 | N. Y. 21 Feb. 95 | |

QUARTERMASTER CORPS—*Concluded*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|---|-------------------------|-----------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Second Lieutenants—Continued</i> | | | | |
| Mencham, Joseph F. S., 28 dec. 18 | mustered into u. s. ser. 10 July 18 out 5 Oct. 18 | pvt., tr. D, 1 cav. 24 May 04 dropped. 28 Mar. 06 taken up. 5 July 06 f. and h. dis. 18 Jan. 10 re-enlisted. 1 Mar. 10 f. and h. dis. 22 Mar. 11 re-enlisted. 13 Apr. 11 corp. 8 Oct. 14 f. and h. dis. 28 June 15 2 lt. 3 inf. 12 July 16 r. l. 13 Dec. 16 1 lt. q.m.c. 28 Dec. 18 aide to gov. 1 Jan. 19 | N. Y.. 1 mar. 81 | |
| Lawrence, Arthur R., 9 May 19 | | pvt. co. F, 7 inf. 29 Nov. 98 f. and h. dis. 23 Dec. 03 2 lt. a. g. d. 4 Dec. 18 1 lt. q.m.c. 9 May 19 accepted. 9 May 19 | N. Y.. 24 Feb. 72 | |
| Bubba, Charles L., 16 May 19 | | see division. | | |
| Floersheimer, Joseph H., 16 May 19 | | see division. | | |
| <i>Second Lieutenants</i> | | | | |
| Holmes, Milton A., 14 Sep. 17 | | 2 lt. 14 Sep. 17 accepted. 14 Sep. 17 | | N.Y.G. |
| Wright, William M., 9 May 17 | | pvt. 1 motor batty. 23 Mar. 16 acting 1 sgt., dis. — July 16 2 lt. q.m.c. 9 May 17 accepted. 10 May 17 | N. Y.. 25 Aug. 82 | state ad. staff |
| Stonehouse, Roger H., 17 Oct. 17 reserve list. 12 Apr. 19 | | 2 lt. 17 Oct. 17 accepted. 18 Oct. 17 | | N.Y.G. |
| Chandler, Walter, Jr., 15 Aug. 18 | 1 cav. N. G. N. J., 1900-1902. | pvt. sup. co. 7 inf. 23 Nov. 17 bata. sgt. maj. 11 Jan. 18 2 lt. q.m.c. 15 Aug. 18 accepted. 16 Aug. 18 | N. J.. 75 | |
| Scheid, George Adam, 2 Oct. 18 | | 2 lt. q.m.c. 2 Oct. 18 accepted. 2 Oct. 18 | | |
| Maffuci, Mauri, 15 Oct. 18 | | pvt. q.m.c. 26 May 17 dis. 14 Mar. 18 2 lt. 15 Oct. 18 accepted. 15 Oct. 18 | Italy 27 Sep. 85 | |
| Pauli, George W., 20 Jan. 19 | | pvt. service co. 14 June 17 trans. to co. H, 22 eng. 14 Mar. 18 sgt. 1 cl. 2 lt. q. m. c. 20 Jan. 19 accepted. 20 Jan. 19 | N. Y.. 28 Nov. 82 | |
| Maine, George W., 11 July 19 | | pvt. co. A, 14 inf. 28 Jan. 01 hon. dis. 29 Oct. 06 pvt. q. m. c. 24 June 19 sgt. 1 cl. 1 July 19 2 lt. q. m. c. 11 July 19 accepted. 14 July 19 | N. Y.. 11 Mar. 79 | |

ORDNANCE DEPARTMENT

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|--|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| ORDNANCE DEPARTMENT | | | | |
| <i>Lieutenant Colonel</i> | | | | |
| Daly, Joseph J., 1 apr. 19 | | see division. | | |
| <i>Majors</i> | | | | |
| Waterbury, Frederick M., 22 nov. 09 | | see division. | | |
| Bird, Harrison Kerr, 24 dec. 12 | | 2 lt. (D), 171 inf. 3 june 98 supn. 3 jan. 99 assigned to duty (1), 71 inf. 26 jan. 00 military secretary to gov. maj. 1 jan. 01 reappointed with o. r. 1 jan. 08 a. d. c. to gov., col. 2 jan. 05 resigned. 31 dec. 06 maj. o. d. 24 dec. 12 accepted. 26 dec. 12 aide 1 brig. 23 aug. 16 N. G. r. 4 may 18 col. inf. 20 dec. 18 accepted. 28 dec. 18 | N. Y. 20 dec. 74 | |
| Frimble, Louis Callender, 22 jan. 18 reserve list. 31 jan. 19 | | pvt. 8 co. 15 oct. 02 corp. 9 july 03 agt. 13 nov. 06 1 lt. 50 co. 28 june 07 cap. 3 inf. 23 may 11 hon. dis. 30 mar. 15 r. l. 19 apr. 15 hon. dis. 7 apr. 16 r. l. 25 sep. 17 cap. 3 inf. 11 oct. 17 maj. 22 jan. 18 major o. d. 4 mar. 18 active duty. 2 apr. 18 act. i. g. 24 oct. 18 asst. to i. g. 6 dec. 18 to arsenal. 9 nov. 18 | Ga. 13 june 85 | |
| Gould, Edwin, 28 feb. 18 reserve list. 13 may 19 | | pvt. tr. A. 2 apr. 99 cap. i. s. a. p. 5 mar. 91 full and hon. dis. 27 apr. 94 pvt. tr. A. 14 mar. 16 sup. agt. 3 aug. 17 sup. agt. tr. A. 17 dec. 17 maj. o. d. 28 feb. 18 accepted. 4 mar. 18 | N. Y. 25 feb. 68 | |
| Parish, Edward Jenkins, 10 may 18 Distinguished Graduate, Garrison Schools, 1915 | | asst. surg. 3 sep. co. 1 lt. 31 may 05 supn., reassigned. 21 jan. 08 asst. surg. 1 lt. with o. r. 6 feb. 08 1 lt. 1 inf. 5 june 08 cap. 1 apr. 10 cap. ord. dept. with o. r. 31 mar. 17 accepted. 31 mar. 17 maj. o. d. 10 may 18 N. G. r. 24 mar. 19 | N. Y. 15 june 74 | 3 brig. |

ORDNANCE DEPARTMENT—*Concluded*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|---|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| ORDNANCE DEPARTMENT — Concluded | | | | |
| <i>Majors — Concluded</i> | | | | |
| Barmon, Daniel Webster, 30 sep. 18 reserve list....26 nov. 19 | | pvt. co. F..... 6 may 95 corp..... 19 july 97 dropped..... 5 dec. 98 taken up..... 6 mar. 99 sgt..... 29 june 99 2 lt..... 5 apr. 05 cap..... 12 july 05 sup. and reassigned.. 21 jan. 08 cap..... 24 feb. 08 hon. dis..... 17 oct. 12 cap. inf. N. Y. G.... 14 may 18 maj. o. d..... 30 sep. 18 accepted..... 8 oct. 18 | Mich. 19 dec. 73 | ..... |
| Potts, Charles Edwin, 16 oct. 18 | | pvt. co. A, 23 inf.... 25 mar. 95 dropped..... 14 sep. 96 taken up..... 23 aug. 97 corp..... 2 june 00 sgt..... 20 feb. 05 1 sgt..... 9 sep. 07 full and hon. dis.... 13 apr. 08 re-enlisted..... 13 apr. 08 dropped..... 25 may 08 cap..... 11 dec. 17 maj. o. d..... 16 oct. 18 accepted..... 17 oct. 18 | N. Y. 3 july 73 | 2 brig. |
| Lewis, Tracy H., 15 mar. 19 | | see division | | |
| Mundy, Joseph A., 16 sep. 19 | | see division. | | |
| McDonald, Thomas C., 27 oct. 19 | | 1 lt. 12 inf..... 19 mar. 19 maj. o. d..... 27 oct. 19 accepted..... 23 oct. 19 | N. Y. 23 mar. 75 | 1 brig. |
| Martin, Clarence Stewart, 26 nov. 19 Graduate Garrison Schools, 1915. | pvt. co. D, 3 N. Y. inf..... 15 may 98 to 30 nov. 98 mustered into u. s. ser..... 5 july 16 out 5 oct. 16 into 16 apr. 17 cap. 108 inf., 2 may 18 hon. dis.. 31 mar. 19 | pvt. 48 sep. co..... 12 may 98 hon. dis..... 10 jan. 99 pvt. 48 sep. co..... 25 mar. 11 to 26 mar. 12 1 lt. 3 inf..... 26 mar. 12 accepted..... 27 mar. 12 dft..... 5 aug. 17 r. l..... 1 may 19 cap. 3 inf..... 4 june 19 cap. N. Y. N. G.... 30 june 19 accepted..... 11 sep. 19 maj. o. d..... 26 nov. 19 accepted..... 29 nov. 19 | N. Y. 16 oct. 72 | 4 brig. |

INSPECTOR GENERAL'S DEPARTMENT

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Colonel</i> | | | | |
| Smith, Howard Caswell, 4 dec. 18 reserve list.... 2 jan. 19 | | pvt. sq. A. 21 dec. 94 corp., sgt., 1 sgt., full and hon. dis. — oct. 00 1 lt. depot sq. A, cav. 7 july 16 hon. dis. 10 jan. 17 detailed to duty with depot of intelli- gence. 28 june 17 cap. a. g. dept., asst. to a. g. 22 aug. 17 maj. i. g. d. 31 oct. 17 lt. col. 28 june 18 c. of a. div. 28 june 18 relieved. 6 dec. 18 col. 4 dec. 18 accepted. 4 dec 18 | N. Y. 19 feb. 71 | ..... |
| <i>Lieutenant Colonels</i> | | | | |
| Wainwright, J. Mayhew, 6 july 18 | | (see division). | | |
| Richmond, Harry S., 15 mar. 18 assistant to the adj. genl. 9 sep. 18 relieved. 15 feb. 19 | | pvt. 3 sig. corps. 8 feb. 93 corp. 2 mar. 95 sgt. 21 jan. 96 1 sgt. 22 apr. 96 1 lt. 21 apr. 98 sup. 15 jan. 02 assigned tr. B. 15 jan. 02 cap. 15 july 03 maj. 3 sqd. 7 oct. 11 retired. 10 june 14 maj. 15 mar. 18 accepted. 20 mar. 18 asst c. of a. div. 11 dec. 18 relieved. 27 feb. 19 lt. col. i. g. 8 mar. 19 accepted. 10 mar. 19 | N. Y. 20 jan. 65 | ..... |
| Burleigh, George W., 7 oct. 19 | | (see division). | | |
| <i>Majors</i> | | | | |
| White, Seymour P., 3 nov. 17 full & hon. dis. 18 apr. 19 | | 2 lt. 65 regt. 24 june 96 i. s. a. p. 65 regt., grade 1 lt. 24 july 97 1 lt. co. M, 65 regt. ... 2 may 98 1 lt. 65 regt., asst. i. s. a. p., 65 regt. 9 sep. 99 aide on gov. staff. 1 jan. 01 to 31 dec. 04 full and hon. dis. 16 nov. 05 maj. 31 oct. 17 accepted. 3 nov. 17 | N. Y. 2 aug. 73 | 4 brig. |
| Winslow, George Justin, 4 jan. 18 | 2 lt. 13 july 98 N. Y. Vols 12 nov. 98 | pvt. 28 co. 11 feb. 95 mus. 1 feb. 96 1 lt. 5 july 98 cap., 1 inf. 7 mar. 12 retired. 17 apr. 14 maj. 1 dept. 14 july 16 maj. 1 inf. 15 sep. 17 maj. i. s. g. dept. 4 jan. 18 accepted. 11 jan. 18 2 prov. regt. 6 aug. 17 relieved. 22 mar. 19 | N. Y. 16 jan. 76 | |

INSPECTOR GENERAL'S DEPARTMENT—*Concluded*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|--|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Majors—Concluded</i> | | | | |
| Askin, James Patrick, 12 jan. 18 | mustered into u. s. ser. 6 july 16 | pvt., co. M, 7 inf. . . . 5 june 11 to 7 oct. 11 2 lt. 69 inf. 7 oct. 11 1 lt. 21 june 12 cap. 19 apr. 16 resigned. 31 oct. 16 r. l. 21 may 17 cap. inf. 18 oct. 17 maj. i. g. d. 12 jan. 18 accepted. 12 jan. 18 | N. Y. 24 july 88 | 1 brig. |
| Fowler, James Porter, 21 may 18 | 1 lt. 65 regt. N. Y. Vols. . . 17 may 98 to 17 nov. 98 mustered into u. s. ser. 5 aug. 16 out 17 mar. 17 into 23 july 17 hon. dis. . 15 july 17 | pvt. co. G. 8 may 93 corp. 2 apr. 94 sgt. 18 may 95 2 lt. 28 may 96 1 lt. 25 feb. 98 cap. 14 sep. 99 maj. 5 may 13 maj. 3 f. a. 11 july 16 r. l. 15 may 18 maj. 21 may 18 accepted. 22 may 18 | N. Y. 13 jan. 74 | ..... |
| Edwards-Ficken, Henry, 26 nov. 18 | ..... | pvt. 2 brig. sig corps. . 28 nov. 87 tra. tr. A. 26 oct. 89 lance corp. 11 may 94 corp. 27 mar. 95 sgt. 17 sep. 95 1 lt. 8 regt. 5 apr. 00 resigned. 5 apr. 03 pvt. depot sqd. 20 dec. 15 sup. sgt. 23 june 17 sgt. maj. 31 july 17 hon. dis. 2 feb. 18 1 lt. 1 feb. 18 cap. i. g. dept. 14 may 18 maj. 26 nov. 18 accepted. 3 dec. 18 | Eng. 25 may 82 | ..... |
| <i>Captains</i> | | | | |
| Barnes, Charles H., 15 mar. 18 | ..... | pvt. 41 sep. co. 9 apr. 03 corp. 13 july 07 2 lt. 3 inf. 2 apr. 08 1 lt. ord. dept. 25 june 12 cap. co. C. 7 may 13 r. l. 5 apr. 17 cap. i. g. dept. 15 mar. 18 accepted. 16 mar. 18 | Conn. 4 mar. 71 | ..... |
| Angel, Laurance, 14 may 18 hon. dis. 11 mar. 19 | Co. H, 3 N. Y. V., 17 may 98 to 30 nov. 98 2 lt. P. R. inf., 25 mar. 02 to 30 june 04 1 lt. P. R. inf., 1 july 04 cap. 20 nov. 08 to 31 aug. 15 | cap. i. g. d. 14 may 18 accepted. 15 may 18 | ..... | ..... |
| Parry, Hiram B., 18 feb. 19 | 2 lt. O. R. C., 19 may 17 hon. dis. . 7 feb. 19 | pvt. tr. I, 1 cav. 6 mar. 15 hon. dis. 15 may 17 cap. i. g. d. 18 feb. 19 accepted. 19 feb. 19 | N. Y. 9 feb. 90 | ..... |

MEDICAL DEPARTMENT

First Field Hospital, 56 West 66th Street, New York City. Mustered in February 25, 1918.
 Camera Detachment assigned S. O. 84, A. G. O. 1918.
 Dental Unit assigned S. O. 210, A. G. O. 1918.
 Second Field Hospital, Elk and Lark Streets, Albany. Mustered in February 24, 1918.
 Third Field Hospital, 1402 Eighth Avenue, Brooklyn. Mustered in June 3, 1918.
 Fourth Field Hospital, 29 Masten Street, Buffalo. Mustered in.
 First Ambulance Company. Not organized.
 Second Ambulance Company, 900 Main Street, East Rochester. Mustered in March 8, 1918.
 Third Ambulance Company, 56 West 86th Street, New York City. Mustered in May 13, 1918.
 Fourth Ambulance Company, West Jefferson Street, Syracuse. Mustered in March 30, 1918.
 Transferred to 3d Infantry December 11, 1918. Reorganized from Co. T, 3d Infantry, June 28, 1918.

MEDICAL CORPS, NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|---|------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Colonel</i> | | | | |
| Montgomery, Walter C., (D. S. M.) 17 feb. 19 | mustered into u. s. ser. . . . 2 july 16 out 24 feb. 17 into 16 july 17 col. m. c. 17 feb. 19 hon. disc. . . 1 apr. 19 | asst. surg. cap. . . . 30 dec. 08 cap. m. c. 17 may 09 maj. 7 oct. 11 lt. col. 21 mar. 17 accepted. 22 mar. 17 dfr. 5 aug. 17 col. m. c. 1 apr. 19 accepted. 1 apr. 19 | N. Y. 78 | Div. |
| <i>Lieutenant Colonel, N. Y. N. G.</i> | | | | |
| Salisbury, Lucius A., 19 mar. 19 | ..... | see division. | | |
| <i>Lieutenant Colonel</i> | | | | |
| Carney, Matthew F., 5 june 19 | ..... | see division. | | |
| <i>Majors</i> | | | | |
| Boswell, Charles O., 25 june 17 | ..... | see division. | | |
| Dunseith, John F., 17 july 17 | ..... | see division. | | |
| Becker, Edward Water- bury, 6 aug. 17 | ..... | asst. surg. 21 sep. co. 1 lt. 25 may 06 supn., reassigned . . . 21 jan. 08 asst. surg. 1 lt. . . . 24 feb. 08 with rank from . . . 25 may 06 cap. m. c. 3 july 09 with rank from . . . 26 june 09 accepted. 3 july 09 maj. 8 oct. 12 resigned. 25 mar. 14 r. l. 7 may 17 maj. m. c. 26 oct. 17 with rank from . . . 6 aug. 17 accepted. 31 oct. 17 | N. Y. 76 | 2 inf. |
| Maguire, Thomas Francis, 14 aug. 17 | mustered into u. s. ser. . . . 6 july 16 out 9 mar. 17 | asst. surg. 69 inf. cap. 28 may 02 supn., reassigned . . . 21 jan. 08 asst. surg. cap. . . . 21 feb. 08 with rank from . . . 28 may 02 cap. m. c. 17 may 09 with rank from . . . 28 may 02 maj. 13 june 14 r. l. 4 apr. 17 maj. 15 nov. 17 with rank from . . . 14 aug. 17 accepted. 19 nov. 17 | N. Y. 69 | 69 inf. |
| Townsend, Charles Emer- son, 15 sep. 17 hon. dis. . . . 15 sep. 17 | ..... | maj. 15 sep. 17 accepted. 21 sep. 17 1 prov. regt. 29 sep. 17 | ..... | 1 inf. |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|---|-------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Majors—Continued</i> | | | | |
| Clinton, Charles Alexander, 8 oct. 17 | | cap. 8 nov. 17 maj. 23 nov. 17 with rank from. 8 oct. 17 accepted. 30 nov. 17 1 prov. regt. 8 oct. 18 | | 9 c. a. c. |
| Ayers, Lemuel De Los, 11 oct. 17 | | pvt. co. F, 7 inf. 7 may 16 1 lt. m. c. d. b., 7 inf., 11 aug. 16 maj. m. c. 11 oct. 17 accepted. 16 oct. 17 | Pa. | 7 inf. |
| Smith, Lee Herbert, 31 oct. 17 retired. 18 apr. 19 | | insp. rifle practice, cap. 74 inf. 17 feb. 90 i. s. a. p. and o. o. maj. 4 brig. 30 mar. 00 supn., reassigned. 21 jan. 08 maj. o. d. 16 mar. 08 recommissioned with o. r. 7 may 08 retired. 5 july 16 placed on duty with 4 brig. 4 aug. 16 ord. officer. 16 aug. 16 retd. to retired list. 6 oct. 16 maj. 31 oct. 17 maj. m. c. 18 sep. 18 accepted. 24 sep. 18 | Ohio 10 aug. 56 | hdqrs. 4 brig. |
| Tieck, Gustav J. J., 23 nov. 17 hon. dis. 4 dec. 19 | German navy, 1890-1891 | cap. m. c. 11 oct. 17 maj. 23 nov. 17 accepted. 3 dec. 17 | Ger. 5 nov. 70 | 22 eng. |
| Keyes, James J., 4 dec. 17 | | maj. m. c. 4 dec. 17 accepted. 8 dec. 17 | Ire. 24 may 60 | 23 inf. |
| Eschelman, Karl Ferdin- and, 17 dec. 17 | | 1 lt. m. c. 31 may 11 hon. dis. 3 dec. 13 cap. m. c. 19 oct. 17 maj. m. c. 17 dec. 17 accepted. 21 dec. 17 | Can. 15 oct. 82 | 74 inf. |
| Griswold, William Church, 17 feb. 18 | surg. u. s. a., 9 may 02 to may 04; jan. 05 to mar. 09; july 09 to nov. 10. 1 lt. m. r. c., 26 dec. 08 hon. dis. 1 july 17 | maj. 3 f. h. N. Y. G. 7 feb. 18 accepted. 8 feb. 18 | 8 N. Y. 9 mar. 73 | ..... |
| Clairborne, J. Herbert, 26 feb. 18 reserve list. 11 aug. 19 | enrolled in N. Y. city to serve 2 years. 2 may 98 mustered in as 1 lt. bat. adj., 13 may 98 cap. co. G, 23 july 98 dis. at Camp Ham- ilton, Ky., 15 oct. 98 1 lt. bat. adj., 13 may 98 rank from, 13 may 98 cap. 23 july 98 | cap. r. l. 9 apr. 17 duty with d. b., 12 inf. 10 may 17 cap. m. c. 5 sep. 17 with rank from. 10 may 17 maj. 8 mar. 18 accepted. 9 mar. 18 | N. C. 29 june 61 | 12 inf. |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|--|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Majors—Continued</i> | | | | |
| Sherwood, William Davies, 17 apr. 18 reserve list.....15 dec. 19 | mustered into u. s. ser.....30 june 18 hon. dis. .24 oct. 18 | 1 lt. m. c. ....19 may 18 cap. m. c. ....18 aug. 17 maj. ....17 apr. 18 accepted.....19 apr. 18 | N. Y. 83 | 8 c. a. e. |
| Bradner, Frank William, 14 may 18 | 1 lt. m. r. e., u. s. a., 18 may 17 hon. dis. .10 sep. 17 | 1 lt. m. c. ....13 sep. 17 cap. ....15 nov. 17 maj. ....14 may 18 accepted.....15 may 18 | 14 dec. 68 | 13 c. d. |
| Rooney, James Francis, 31 may 18 | | cap. m. c. ....28 nov. 17 maj. ....31 may 18 accepted.....31 may 18 | | 2 f. h. |
| White, Edgar William, N. Y. N. G. 3 july 18 | | cap. m. c. ....23 nov. 17 maj. ....3 july 18 maj. m. c. N. Y. N. G. 5 dec. 19 accepted.....5 dec. 19 | Eng. 21 apr. 86 | 71 inf. |
| Bissell, William Grosvenor, 10 july 18 died.....14 nov. 19 | | cap. and asst. surg. 74 regt. ....17 oct. 94 maj. and surg. ....7 oct. 97 supn. and reassigned. 21 jan. 08 maj. ....24 feb. 08 maj. m. c. ....17 may 09 retired. ....24 feb. 14 maj m. c. ....10 july 18 accepted.....17 july 18 | N. Y. 30 jan. 70 | 65 f. a. |
| Ross, Frank Ward, 15 july 18 | asst. surg. u. s. a., 1898-1899 | 1 lt. m. c. ....10 july 17 cap. ....30 jan. 18 maj. ....15 july 18 accepted.....18 july 18 | N. Y. 10 july 69 | 4 inf. |
| Towner, Albert N., 23 aug. 18 | | see division. | | |
| Cooper, Phillip, 26 aug. 18 | | cap. m. c. 3 inf. ....20 feb. 18 maj. ....26 aug. 18 accepted.....27 aug. 18 r. l. ....19 june 19 trs. 3 inf.....29 dec. 19 | Russia 1 nov. 89 | |
| McKenna, William Francis, 18 sep. 18 hon. dis. ....20 feb. 19 | | 1 lt. m. c. ....5 sep. 17 major.....18 sep. 18 accepted.....23 sep. 18 | N. Y. 12 aug. 88 | 14 inf. |
| Hotchkiss, Henry Thomas, 26 sep. 18 reserve list....13 june 19 | | asst. surg. cap., 47 regt. ....23 july 99 supn. and reassigned. 21 jan. 08 surg. maj. ....11 mar. 08 maj. m. c. ....17 may 09 f. and h. dis. ....29 june 17 maj. m. c. ....26 sep. 18 accepted.....3 oct. 18 | N. Y. 22 june 63 | 47 inf. |
| Rausch, William Carl, 30 sep. 18 | | pvt. hosp. corps. ....27 mar. 11 dropped. ....1 july 13 taken up. ....24 june 14 1 lt. m. c. ....28 sep. 14 hon. dis. ....18 sep. 16 r. l. ....6 nov. 16 cap. ....5 mar. 18 maj. ....30 sep. 18 cap. m. c., N. G. R. 24 apr. 19 | N. Y. 17 june 91 | 10 inf. |
| Bruce, Charles E., 19 oct. 18 reserve list....12 july 19 | | 1 lt. 8 c. a. e., N. G. N. Y. ....28 apr. 79 cap. ....15 aug. 81 maj. ....23 may 83 supn. ....16 nov. 94 maj. m. c. ....19 oct. 18 accepted.....28 oct. 18 | N. Y. 16 nov. 81 | |

MEDICAL CORPS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank & highest brevet rank | Service | | Born | At- tached to |
|---|---|---|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| Majors—Continued | | | | |
| Campbell, Ernest A., 11 nov. 18 | 1 lt. u. s. r., 21 may 17 cap. 10 nov. 17 maj. 11 nov. 18 with 56 c. a. c. hon. dis. . 6 aug. 19 | maj. m. c. 28 aug. 19 accepted. 13 sep. 19 | Can. 8 apr. 80 | 1 f. a. |
| A'Hearn, Martin Joseph, 29 jan. 19 | ..... | 1 lt. d. b., 2 inf., 1 lt. m. c., 2 inf. 23 July 17 cap. m. c. 13 Nov. 17 accepted. 17 Nov. 17 2 prov. regt. 7 Aug. 17 relieved. 25 Jan. 19 maj. 29 Jan. 19 accepted. 30 Jan. 19 | N. Y. 20 Mar. 88 | 3 brig. |
| Booth, Franklin Hendrick- son, 26 Feb. 19 reserve list. 19 Apr. 20 | ..... | 1 lt. m. c. 7 Feb. 18 cap. 1 July 18 maj. 26 Feb. 19 accepted. 3 Mar. 19 | N. Y. 19 Nov. 76 | 14 inf. |
| Frankel, Edward, Jr., 18 Oct. 19 | ..... | cap. m. c. 20 Nov. 18 maj. 18 Oct. 19 accepted. 21 Oct. 19 | N. Y. 31 Aug. 80 | 1 brig. |
| Corbett, Edward L., 29 Nov. 19 | ..... | 1 lt. m. c., d. b. 10 Aug. 17 1 lt. m. c. 5 Sep. 17 cap. 21 Jan. 18 maj. 29 Nov. 19 accepted. 4 Dec. 19 | N. Y. 4 Feb. 78 | 2 f. a. |
| Gram, Franklin Charles, 29 Nov. 19 | ..... | cap. m. c. 13 Sep. 18 maj. 29 Nov. 19 accepted. 4 Dec. 19 | Can. 4 Oct. 61 | 65 f. a. |
| Atkins, Lloyd R., 30 Dec. 19 | cap. m. c. 7 Aug. 18 hon. dis. . 15 Apr. 19 | cap. m. c. 15 Dec. 19 maj. 30 Dec. 19 accepted. 31 Dec. 19 | Conn. 23 Dec. 66 | 8 s. d. e. |
| Captains | | | | |
| Bishop, Elliot, 29 Feb. 08 f. and h. dis. 19 May 19 | ..... | pvt. hosp. corps, asst hosp. stwd., sgt. hosp. corps, 13 inf. 2 Apr. 07 to 4 Mar. 08 asst. surg. cap. 4 Mar. 08 cap. m. c. 17 May 09 cap. m. c. 5 Sep. 17 with rank from. 29 Feb. 08 accepted. 24 Sep. 17 | N. Y. 18 Jan. 80 | 2 f. a. |
| Getman, William Tweedy, 3 Oct. 16 f. and h. dis. 26 Dec. 19 | mustered into u. s. ser. 12 July 98 dis. 11 Dec. 98 | 1 lt. m. c. 8 Apr. 10 cap. 11 Apr. 18 f. and h. dis. 12 July 15 cap. m. c. 16 Apr. 18 accepted. 22 Apr. 18 | N. Y. 27 Sep. 76 | 1 cav. |
| Benedict, A. L., 28 June 17 | cap. m. r. c., 28 June 17 hon. dis. . 27 Dec. 18 | cap. m. c. 7 June 19 accepted. 16 June 19 | N. Y. 25 Aug. 66 | 74 inf. |
| Dean, William I., 14 July 17 reserve list. 13 June 19 | ..... | 1 lt. m. c. 14 June 17 accepted. 11 July 17 cap. 15 Feb. 18 accepted. 22 Feb. 18 | N. Y. 27 Apr. 77 | 3 inf. |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|---|--|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Captains—Continued</i> | | | | |
| Dunseith, James Gracey, 3 aug. 17 | mustered into u. s. ser. 28 june 18 out 25 oct. 18 | pvt., 1 cl. pvt. f. h. . . . 3 dec. 07 to 28 dec. 09 1 lt. m. e. 28 dec. 09 cap. 2 jan. 13 resigned. 13 july 17 r. l. 26 july 17 cap. m. e. 3 aug. 17 cap. m. e. 20 feb. 18 accepted. 6 mar. 18 | N. Y. 17 apr. 80 | 1 f. h. |
| Waggoner, William C., 5 sep. 17 | ..... | cap. m. e. 5 sep. 17 accepted. 5 sep. 17 | Ill. 13 july 81 | 23 inf. |
| Hunt, Charles Frederick, 26 oct. 17 reserve list. 10 dec. 19 | ..... | cap. m. e. 26 oct. 17 accepted. 31 oct. 17 | N. Y. 28 july 78 | 22 ensg. |
| O'Connor, John Henry, 4 dec. 17 | 1 lt. m. e., u. s. n. g., 20 july 17 hon. dis. . 28 aug. 17 | 1 lt. m. e. 20 apr. 15 dft. 5 aug. 17 cap. m. e. 4 dec. 17 accepted. 10 dec. 17 aide to gov. 1 jan. 19 | N. Y. 13 june 69 | 69 inf. |
| O'Brien, Henry L., 11 dec. 17 | ..... | enlisted 3 batty. . . . 1 oct. 82 pvt., corp., sgt. 29 jan. 84 hon. dis. 28 nov. 87 enlisted co. E, 23 regt. 23 jan. 88 h. c. regt., hon. dis. . . 2 dec. 89 enlisted in 23 regt., m. g. co. 14 nov. 17 cap. m. e. 11 dec. 17 accepted. 14 dec. 17 | N. J. 29 jan. 64 | 23 inf. |
| Shaw, Arthur L., 15 dec. 17 | ..... | 1 lt. m. e. 25 oct. 17 cap. m. e. 15 dec. 17 accepted. 19 dec. 17 | N. Y. | 3 inf. |
| Purcell, Fred Cole, 20 dec. 17 | pvt. co. L, 65 regt., N. Y. Vols., may-oct., 1898 | 1 lt. m. e., co. C, 74 inf., d. b. 18 aug. 17 1 lt. m. e. 10 oct. 17 cap. 20 dec. 17 accepted. 7 jan. 18 | Pa. 13 feb. | 74 inf. |
| Sharkey, James Charles, 24 dec. 17 | ..... | cap. m. e. 24 dec. 17 accepted. 27 dec. 17 | N. Y. 4 nov. 67 | 2 f. h. |
| Loughlin, Thos. Bernard, 2 jan. 18 full & hon. dis. 3 dec. 19 | ..... | asst. surg., 1 lt. . . . 11 mar. 08 1 lt. m. e. 17 may 09 cap. 7 mar. 11 full and hon. dis. . . . 4 nov. 14 cap. 2 jan. 18 accepted. 8 jan. 18 | N. Y. 18 apr. 68 | 65 inf. |
| Bourne, Philip Horton, 8 jan. 18 | ..... | cap. m. e. 8 jan. 18 accepted. 8 jan. 18 | ..... | 65 inf. |
| Simonds, Grant H., 12 jan. 18 | ..... | 1 lt. 29 sep. co. . . . 27 june 95 sup. and reassigned. . 21 jan. 08 asst. surg. 1 lt. . . . 3 may 06 cap. m. e. 17 may 09 full and hon. dis. . . . 3 sep. 17 cap. m. e. 12 jan. 18 accepted. 21 feb. 18 | N. Y. 3 may 66 | 3 inf. |
| Blatt, Meyer Harold, 17 jan. 18 | ..... | cap. m. e. 17 jan. 18 accepted. 19 jan. 18 | N. Y. 18 nov. 82 | 47 inf. |

MEDICAL CORPS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| Captains—Continued | | | | |
| Lane, Wm. Henry, 23 jan. 18 | | cap. m. c. 23 jan. 18 accepted 5 feb. 18 | N. Y. 18 dec. 82 | 74 inf. |
| Rosanno, Augusto T., 26 jan. 18 hon. dis. 13 feb. 19 | | 1 lt. m. c. 4 dec. 17 cap. 26 jan. 18 accepted 1 feb. 18 | Italy 29 may 82 | 69 inf. |
| Tarbell, Roscoe C., 30 jan. 18 | | cap. m. c. 30 jan. 18 accepted 1 feb. 18 | N. Y. 17 jan. 76 | 4 inf. |
| Jirk, John M., 30 jan. 18 | | cap. m. c. 30 jan. 18 accepted 6 feb. 18 | N. Y. 11 July 68 | 4 inf. |
| Heacox, Frank L., 30 jan. 18 | | 1 lt. m. c., d. b. 21 July 17 cap. 30 Jan. 18 accepted 1 feb. 18 | Conn. 11 feb. 76 | 3 inf. |
| Douglas, William C., 30 jan. 18 | | cap. m. c. 30 jan. 18 accepted 1 feb. 18 | N. J. 4 aug. 63 | 4 inf. |
| Brasted, Howard S., 30 jan. 18 | | cap. m. c. 30 jan. 18 accepted 2 feb. 18 | N. Y. 4 aug. 88 | 4 inf. |
| Leighton, Frederick, 30 jan. 18 | | cap. m. c. 30 jan. 18 accepted 2 feb. 18 | 29 dec. 84 | 74 inf. |
| Pelton, Henry Hubbard, 6 feb. 18 | acting asst. surg. u. s. a. . . . 9 sep. 08 relieved from duty, 10 oct. 08 reassigned. 1 nov. 98 relieved. . 15 dec. 98 | enlisted 7 inf. 22 apr. 03 hon. dis. 21 June 16 1 lt. m. c. 26 oct. 17 cap. 6 feb. 18 accepted 15 feb. 18 | Conn. 23 feb. 71 | 7 inf. |
| Davis, Fellows, Jr., 6 feb. 18 reserve list. . . . 16 apr. 19 | | 1 lt. m. c., 7 inf. 23 nov. 17 accepted 23 nov. 17 cap. 6 feb. 18 accepted 8 feb. 18 | N. Y. Aug. 4 72 | 7 inf. |
| Hutton, Edw. Hyatt, 20 feb. 18 | | cap. 20 feb. 18 accepted 27 feb. 18 | N. Y. 5 nov. 72 | 4 inf. |
| Cooley, Halsey E., 28 feb. 18 | | cap. m. c. 28 feb. 18 accepted 4 mar. 18 | N. Y. 3 June 67 | 4 inf. |
| Kenny, John Joseph, 14 mar. 18 | | cap. m. c. 14 mar. 18 accepted 18 mar. 18 | Can. 5 mar. 83 | 12 inf. |
| Waterbury, Earl Charles, 20 mar. 18 | | 1 lt. m. c. 11 Oct. 17 1 prov. regt. 5 Nov. 17 relieved. 12 Jan. 19 cap. 20 Mar. 18 accepted 30 Mar. 18 | N. Y. 10 Aug. 89 | 1 inf. |
| Bates, Sherman W., 21 mar. 18 | | capt. m. c. 21 mar. 18 accepted 27 mar. 18 | N. Y. 6 Jan. 69 | 3 f. h. |
| Smith, Philip Embry, 21 mar. 18 | | 1 lt. m. c. 3 Jan. 18 cap. 21 Mar. 18 accepted 25 Mar. 18 | N. Y. 83 | 1 s. c. |

MEDICAL CORPS, NEW YORK GUARD.—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|---|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Captains — Continued</i> | | | | |
| Wallace, Wesley Herbert, 21 mar. 18 | | cap. m. c. 21 mar. 18 accepted. 26 mar. 18 | N. Y. 9 nov. 69 | 3 f. h. |
| Clark, Frank H., 21 mar. 18 | | cap. m. c. 21 mar. 18 accepted. 27 mar. 18 | N. Y. 7 sep. 67 | 3 f. h. |
| Kinloch, Robert E., 21 mar. 18 reserve list.... 4 oct. 19 | | cap. m. c. 21 mar. 18 accepted. 6 apr. 18 | N. Y. 21 sep. 73 | 3 f. h. |
| Stetson, Dudley D., 9 apr. 18 reserve list.... 22 oct. 18 | | 1 lt. m. c. 11 oct. 17 cap. 9 apr. 18 accepted. 29 apr. 18 | N. Y. 28 may 78 | 1 f. a. |
| Splint, Frederick W., 10 apr. 18 reserve list.... 1 sep. 18 | | cap. m. c. 10 apr. 18 accepted. 11 apr. 18 | N. Y. 11 nov. 81 | 1 f. a. |
| Ballantyne, Reginald M., 10 apr. 18 | | see division. | | |
| Stowell, Harold Bishop, 10 apr. 18 reserve list.... 29 dec. 19 | | cap. m. c. 16 apr. 18 accepted. 24 apr. 18 | N. Y. 20 apr. 73 | 3 inf. |
| Van Wert, Reginald, 16 apr. 18 hon. dis..... 14 mar. 19 | | cap. m. c. 16 apr. 18 accepted. 22 apr. 18 | N. Y. 16 feb. 89 | 12 inf. |
| Fama, Charles, 17 apr. 18 | | cap. m. c. 17 apr. 18 accepted. 19 apr. 18 | Italy 3 apr. 89 | 8 c. d. a. |
| Brown, Leslie, 25 apr. 18 | | cap. m. c. 25 apr. 18 accepted. 29 apr. 18 | N. Y. 19 apr. 88 | 1 f. a. |
| Barnum, Merritt W., 10 may 18 | U. S. N., 1892-1895. | cap. m. c. 10 may 18 accepted. 11 may 18 | N. Y. 23 aug. 67 | 3 am.co. |
| Rogers, Robert Merriam, 14 may 18 | | cap. m. c. 14 may 18 accepted. 15 may 18 | N. Y. 3 apr. 84 | 23 inf. |
| Ryan, Ralph, 20 may 18 hon. dis. 3 feb. 19 | | cap. m. c. 20 may 18 accepted. 23 may 18 | N. Y. 4 may 80 | 71 inf. |
| White, John Edmund, 20 may 18 | | pvt. h. c. 19 jan. 11 hon. dis. 20 nov. 11 cap. m. c. 20 may 18 accepted. 22 may 18 | N. Y. 17 apr. 88 | 5 bat. |
| Jenks, Edwin Brown, 20 may 18 | | pvt. co. I, 7 regt. 3 mar. 99 dropped. 4 mar. 04 taken up. 20 may 04 full and hon. dis. 7 june 04 2 lt. 9 c. a. c. 15 nov. 17 1 lt. 7 mar. 18 cap. m. c. 20 may 18 accepted. 22 may 18 | N. Y. 5 mar. 77 | 9 c. a. c. |
| Larned, Samuel Francis, 28 may 18 hon. dis. 8 nov. 19 | | cap. m. c. 28 may 18 accepted. 6 june 18 | N. Y. 6 apr. 87 | 1 cav. |
| Bing, William Arthur, 11 june 18 | | cap. m. c. 11 june 18 accepted. 20 june 18 | N. Y. 22 nov. 80 | 3 inf. |

MEDICAL CORPS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank & highest brevet rank | Service | | Born | At- tached to |
|--|--|---|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| Captains—Continued | | | | |
| Johnson, William Henry, 11 june 18 | | cap. m. c. 11 june 18 accepted 17 june 18 | N. Y. 10 may 88 | 74 inf. |
| Smith, J. Gardner, 19 june 18 | | cap. m. c. 19 june 18 accepted 21 june 18 | Mass. 31 dec. 61 | 1 f. h. |
| Scotfield, Raymond Brown, 21 july 18 reserve list . . . 13 nov. 19 | | cap. m. c. 2 july 18 accepted 6 july 18 | Minn. 7 june 78 | 22 eng. |
| Ward, Joseph F., 6 july 18 | 1 lt. m. c. . 6 july 17 cap. 6 july 18 hon. dis. . 15 apr. 19 | cap. m. c. 4 oct. 19 accepted 6 oct. 19 | N. Y. 11 nov. 71 | 3 f. h. |
| Clark, J. Harold, 9 july 18 hon. dis. . . . 14 feb. 19 | | 1 lt. 14 inf. 15 feb. 18 cap. 9 july 18 accepted 13 july 18 | N. Y. 29 may 88 | 14 inf. |
| Fitzgerald, Albion J., 15 july 18 | mustered into u. s. . ser. 15 july 17 102 eng. cap. m. c. . 15 july 18 hon. dis. . 3 apr. 19 | 1 lt. m. c. 15 june 17 accepted 18 june 17 dft. 5 aug. 17 r. l. 21 oct. 19 cap. m. c. 26 nov. 19 accepted 1 dec. 19 | N. Y. 13 feb. 94 | 22 eng. |
| Tag, Charles Henry, 18 july 18 | | cap. m. c. 18 july 18 accepted 23 july 18 | N. Y. 28 oct. 73 | 1 cav. |
| Mescham, Carl D., 24 july 18 | | cap. m. c. 24 july 18 accepted 25 july 18 | N. Y. 1 aug. 86 | 4 inf. |
| Eckerson, Albert Bogert, 26 aug. 18 reserve list . . . 21 nov. 19 | | 1 lt. m. c. 20 nov. 17 cap. m. c. 26 aug. 18 accepted 9 sep. 18 | N. J. 25 dec. 70 | 8 c. d. a. |
| Reed, George S., 26 aug. 18 reserve list . . . 22 july 19 | | cap. m. c. 26 aug. 18 accepted 3 sep. 18 | N. Y. 30 july 84 | 3 inf. |
| Gorsch, Rudolph V., 28 aug. 18 | cap. m. c. 13 feb. 18 hon. dis. . 8 mar. 19 | pvt., corp., co. B, 7 inf. 24 feb. 11 to 28 nov. 15 dropped 28 nov. 15 taken up 3 feb. 16 full and hon. dis. . 29 may 16 pvt. h. c. 7 inf. . . 16 nov. 17 cap. m. c. 28 aug. 18 accepted 30 aug. 18 | N. Y. 14 nov. 88 | 7 inf. |
| f. and h. dis. . . 11 oct. 18 | | | | |
| Spaulding, Lyman J., 4 sep. 18 hon. dis. . . . 9 dec. 19 | 1 lt. m. r. c. . 10 july 17 hon. dis. . 12 feb. 18 | cap. m. c. 4 sep. 18 accepted 9 sep. 18 | Mich. 93 | 8 c. a. c. |
| McCarthy, Charles F., 5 sep. 18 | mustered into u. s. . ser. 23 july 17 cap. m. c. . 5 sep. 18 hon. dis. . 14 oct. 19 | 1 lt. m. c. 10 july 17 accepted 14 july 17 dft. 5 aug. 17 cap. m. c. 24 dec. 19 hon. dis. 14 oct. 19 | N. Y. 3 oct. 90 | ..... |
| Rohdenburg, Geo. Louis, 18 sep. 18 hon. dis. . . . 8 sep. 19 | | cap. m. c. 18 sep. 18 accepted 23 sep. 18 | N. Y. 5 apr. 83 | 1 f. h. |
| Drummond, Edward Au- gustus, 28 sep. 18 | | cap. m. c. 26 sep. 18 accepted 30 sep. 18 | Mass. 28 jan. 72 | 69 inf. |
| Brenner, Edward C., 30 sep. 18 | | cap. m. c. 30 sep. 18 accepted 7 oct. 18 | N. Y. 4 june 85 | sq. A |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| Captains—Continued | | | | |
| Broga, Dwight C., 30 sep. 18 | | cap. m. c. 30 sep. 18 accepted. 8 oct. 18 | N. Y. 80 | 10 inf. |
| Wehrenberg, William Diedrich, 30 sep. 18 hon. dis. 29 oct. 19 | | cap. d. c. 30 sep. 18 accepted. 9 oct. 18 | 18 N. Y. 21 feb. 73 | 1 f. h. |
| Benson, Edward George, 30 sep. 18 | mustered into u. s. ser. 22 jul. 16 | 1 lt. m. c. 29 dec. 15 hon. dis. 5 apr. 17 r. l. 13 aug. 17 cap. m. c. 30 sep. 18 accepted. 14 oct. 18 1 prov. regt. 14 oct. 18 relieved. 21 jan. 19 1 lt. m. c. N. G. R. 24 jul. 19 | N. Y. 12 oct. 82 | 10 inf. |
| Moore, Roy S., 30 sep. 18 reserve list. 29 dec. 19 | | cap. m. c. 30 sep. 18 accepted. 22 oct. 18 | N. Y. 25 sep. 84 | |
| Marx, Francis Heisner, 7 oct. 18 | | cap. m. c. 7 oct. 18 accepted. 23 oct. 18 | N. Y. 22 jul. 89 | 10 inf. |
| Gignoux, John Ernest, 9 oct. 18 | | cap. m. c. 9 oct. 18 accepted. 15 oct. 18 | N. Y. 26 aug. 74 | 1 f. a. |
| Covert, Jay Byington, 15 oct. 18 | | cap. m. c. 15 oct. 18 accepted. 20 oct. 18 | N. Y. 18 june 75 | 3 inf. |
| Williams, John Milton, 19 oct. 18 | | 1 lt. m. c. 7 feb. 18 cap. m. c. 19 oct. 18 accepted. 3 nov. 18 | N. Y. 24 feb. 60 | 15 inf. |
| Yeomans, Frank Clark, 30 oct. 18 | | pvt. co. K, 7 inf. 19 sep. 18 cap. m. c. 30 oct. 18 accepted. 4 nov. 18 | N. J. 6 nov. 71 | 7 inf. |
| Smith, Harmon, 6 nov. 18 reserve list. 2 jul. 19 | | cap. m. c. 6 nov. 18 accepted. 8 nov. 18 | Ga. 20 mar. 72 | 9 c. a. |
| Coleman, Daniel E. Sickels, 20 nov. 18 | | pvt. co. M, 12 inf. 14 dec. 17 2 lt. 12 inf. 26 aug. 18 cap. m. c. 20 nov. 18 accepted. 25 nov. 18 | N. Y. 20 jul. 72 | 12 inf. |
| Horgan, John Joseph, 20 nov. 18 reserve list. 7 mar. 19 | | 1 lt. m. c., 3 f. a. 23 feb. 18 trs. 65 inf. N. Y. G. 24 may 18 trs. to 71 inf. 25 oct. 18 cap. m. c. 20 nov. 18 accepted. 3 dec. 18 | Mass. 6 apr. 86 | 71 inf. |
| Allen, George Smith, 21 nov. 18 | | cap. m. c. 21 nov. 18 accepted. 20 nov. 18 | N. Y. 18 may 73 | 3 inf. |
| Thomas, George Palmer, 30 nov. 18 | | 1 sep. nav. bat. 25 apr. 92 hon. dis. 15 feb. 95 cap. m. c. 30 nov. 18 accepted. 5 dec. 18 | N. Y. 26 jul. 75 | 1 cav. |
| Brannan, John Winters, 18 dec. 18 | | pvt. 2 co. 9 c. a. c. 8 oct. 17 cap. m. c. 18 dec. 18 accepted. 19 dec. 18 | | 9 c. a. c. |
| Goeller, Charles J., 30 dec. 18 | | cap. m. c. 30 dec. 18 accepted. 2 jan. 19 | N. Y. 26 jul. 80 | 3 amb. co. |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|---|---|---------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| Captains—Continued | | | | |
| Deal, Fred A., 13 jan. 19 reserve list.... 24 dec. 19 | cap. m. c. 24 oct. 18 hon. dis. . 19 dec. 19 | cap. m. c. 26 jan. 18 hon. dis. 18 sep. 18 cap. m. c. 13 jan. 19 accepted. 20 jan. 19 | N. Y. 25 apr. 77 | ..... |
| Kell, Frank C., 24 jan. 19 hon. dis. 18 dec. 19 | ..... | 1 lt. m. c. 18 oct. 17 cap. 21 mar. 18 accepted. 25 mar. 18 hon. dis. 15 aug. 18 cap. m. c. 24 jan. 19 accepted. 27 jan. 19 | N. Y. 13 July 84 | 22 eng., 1 s. c. |
| Flynn, Jeremiah C., 7 feb. 19 | 1 lt. m. c. — | cap. m. c. 7 feb. 19 accepted. 7 mar. 19 | N. Y. 21 July 89 | 2 amb. co. |
| Hamilton, Benjamin W., 11 feb. 19 | ..... | cap. m. c. 11 feb. 19 accepted. 18 feb. 19 | Penn. 20 nov. 77 | 71 inf. |
| Wade, John S., 13 feb. 19 reserve list.... 25 mar. 19 | ..... | 1 lt. m. c. 17 dec. 17 cap. 13 feb. 19 accepted. 24 feb. 19 | Ohio, 26 Jan. 70 | 6 bat. |
| Delaney, Henry A., 19 feb. 19 | mustered into u. s. ser. 13 July 17 cap. d. c. 104 f. a., 19 feb. 19 hon. dis. . 1 apr. 19 | 1 lt. d. c. 10 July 17 accepted. 12 July 17 dft. 5 Aug. 17 r. l. 12 May 19 cap. d. c. 4 Sep. 19 accepted. 8 Sep. 19 | N. Y. 17 Aug. 88 | 1 f. a. |
| Lisa, James R., 27 feb. 19 | mustered into u. s. ser. 3 Aug. 17 hon. dis. . 1 apr. 19 | 1 lt. m. c. 27 July 17 accepted. 30 July 17 dft. 5 Aug. 17 cap. m. c. 11 Nov. 19 accepted. 20 Nov. 19 cap. n. g. r. 5 Dec. 19 | Mich. 12 Nov. 89 | 71 inf. |
| Devlin, Joseph A., 4 mar. 19 | ..... | cap. m. c. 28 feb. 18 accepted. 4 mar. 18 hon. dis. 26 Aug. 18 cap. m. c. 4 mar. 19 accepted. 6 mar. 19 | N. Y. 26 Sep. 84 | 69 inf. |
| Schroeder, William, Jr., 18 mar. 19 | ..... | cap. m. c. 18 mar. 19 accepted. 22 mar. 19 | N. Y. 4 June 79 | 14 inf. |
| Nesbitt, Clarence C., 21 mar. 19 reserve list.... 25 Nov. 19 | mustered into u. s. ser. 15 July 17 106 amb. co., hon. dis. 19 Jan. 19 | 1 lt. m. c. 13 June 17 accepted. 15 June 17 dft. 5 Aug. 17 cap. m. c. 21 Mar. 19 accepted. 24 Mar. 19 | ..... | 2 amb. co. |
| Saniter, Ernest H., 3 apr. 19 | mustered into u. s. ser. 16 July 17 resigned 5 mar. 18.. | 1 lt. m. c. 17 May 17 accepted. 24 May 17 dft. 5 Aug. 17 cap. m. c. 3 Apr. 19 accepted. 7 Apr. 19 | Kan. 1 July 83 | 13 o. d. c. |
| Hennen, William D., 24 May 19 | naval militia, Mass., 1896. | cap. m. c. 24 May 19 accepted. 27 May 19 | N. Y. 76 | 71 inf. |
| Knoll, John G. W., 24 May 19 | ..... | cap. m. c. 24 May 19 accepted. 29 May 19 | N. Y. 17 Mar. 85 | 65 f. a. |
| McGraw, Russell J., 29 May 19 | mustered into u. s. ser. 11 July 17 105 f. a., hon. dis., 3 Apr. 19 | 1 lt. m. c. 22 May 17 accepted. 24 May 17 dft. 5 Aug. 17 cap. m. c. 29 May 19 accepted. 9 June 19 cap. m. c. n. g. r. 12 Dec. 19 | N. Y. 12 Feb. 94 | 2 f. a. |

MEDICAL CORPS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|--|--|--|--|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>Captains—Concluded</i> | | | | |
| Graham-Rogers, Charles T., 15 July 19 | mustered into u. s. a. ser. 2 apr. 17 tra. 107 inf. 16 nov. 17 hon. dis. . . 2 apr. 19 | 2 lt. 47 inf. 11 dec. 15 1 lt. 21 apr. 17 accepted. 26 apr. 17 dft. 5 aug. 17 cap. m. c. 15 July 19 accepted. 21 July 19 | N. Y. 17 17 74 19 19 | 47 inf. |
| Angevine, Robert W., 28 July 19 | pvt. m. r. c., 19 nov. 17 1 lt. m. c. 5 apr. 18 hon. dis. . 25 feb. 19 | cap. m. c. 28 July 19 accepted. 4 aug. 19 | N. Y. 19 2 July 89 | 3 inf. |
| Brown, Christopher W., 11 aug. 19 | 1 lt. m. c. 29 oct. 18 hon. dis. . 9 July 19 | pvt. 3 f. h. 11 may 16 hon. dis. 6 July 16 cap. m. c. 14 nov. 17 accepted. 17 nov. 17 hon. dis. 13 dec. 18 cap. m. c. 11 aug. 19 accepted. 18 aug. 19 | N. Y. 16 13 sep. 79 | 18 c.d.a. |
| Gillen, Henry B., 15 aug. 19 | mustered into u. s. a. ser. 1 July 16 out 22 oct. 16 | 1 lt. m. c. 3 jan. 12 accepted. 4 jan. 12 cap. 5 jan. 15 accepted. 6 jan. 15 f. and h. dis. 24 mar. 17 cap. m. c. 15 aug. 19 accepted. 15 aug. 19 | N. Y. 12 12 15 15 17 19 19 | 2 inf. |
| Walling, Charles W., 23 aug. 19 | ..... | pvt. co. G, 1 inf. 14 July 06 hon. dis. 13 June 08 cap. m. c. 23 aug. 19 accepted. 27 aug. 19 | N. Y. 06 8 apr. 76 | 4 inf. |
| Allespach, Walter L., 3 dec. 19 | m. e. r. 10 nov. 17 to 28 jan. 19 | cap. m. c. 3 dec. 19 accepted. 8 dec. 19 | N. Y. 19 8 nov. 94 | 1 cav. u |
| Strong, Lyman J., 16 dec. 19 | 1 lt. m. c. 16 oct. 18 hon. dis. . 16 oct. 19 | cap. m. c. 16 dec. 19 accepted. 22 dec. 19 | N. Y. 19 30 nov. 84 | 65 f. a. |
| <i>First Lieutenants</i> | | | | |
| Herriman, Rudolph F., 5 sep. 17 | ..... | 1 lt. m. c. 5 sep. 17 accepted. 11 sep. 17 | 17 | 47 inf. |
| Dingmann, John C., 18 oct. 17 | ..... | 1 lt. m. c. 18 oct. 17 accepted. 23 oct. 17 | 17 | 71 inf. |
| Griswold, Hector, 28 nov. 17 | Minnesota State Guard, 1878-1879 | pvt. co. F, 23 eng. 12 nov. 17 dis. 7 jan. 18 1 lt. d. c. 28 nov. 17 accepted. 1 dec. 17 | Wis. 17 18 July 59 | 23 eng. |
| Dorney, Edward R., 28 mar. 18 | ..... | 1 lt. m. c. 28 mar. 18 accepted. 1 apr. 18 | N. Y. 18 9 aug. | 23 inf. |
| Breen, John Miller, 11 apr. 18 reserve list. 29 aug. 19 | ..... | 1 lt. d. c. 11 apr. 18 accepted. 13 apr. 18 | N. Y. 18 2 feb. 74 | 1 f. a. |
| Bean, Walter Edward, 10 may 18 | ..... | 1 lt. d. c. 10 may 18 accepted. 13 may 18 | N. Y. 18 11 dec. 94 | 2 inf. |
| Carr, Robert S., 10 may 18 | ..... | 1 lt. m. c. 10 may 18 accepted. 11 may 18 | N. Y. 18 22 June 56 | 3 inf. |
| Stillman, Paul R., 20 may 18 hon. dis. 8 apr. 19 | ..... | 1 lt. d. c. 20 may 18 accepted. 22 may 18 | N. Y. 18 4 June 71 | 1 f. h. |

MEDICAL CORPS, NEW YORK GUARD—Continued

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|--|--------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>First Lieutenants—Continued</i> | | | | |
| Brown, William Ernest, 11 June 18 reserve list.....20 Feb. 19 | vet. corps, n. f. arty., 1 July 17 to 8 Oct. 17 | pvt. 9 c. a. c..... 8 Oct. 17 hon. dis..... 28 Oct. 17 pvt. 10 co. 18 c. a. c..... 16 Nov. 17 corp..... 18 Dec. 17 mess sgt..... 13 May 18 1 lt. d. c..... 11 June 18 accepted..... 14 June 18 | Minn. 24 Nov. 75 | 13 c. a. c. |
| Wheeler, Stoughton Rowley, 21 Aug. 18 | | 1 lt. m. c..... 21 Aug. 18 accepted..... 26 Aug. 18 | N. Y. 23 June 61 | 3 inf. |
| Brasill, Manuel Jos., 30 Sep. 18 reserve list.....23 Oct. 19 | co. I, 3 regt., Conn. N. G. | 1 lt. d. c..... 30 Sep. 18 accepted..... 8 Oct. 18 | Conn. 22 May 75 | 1 f. h. |
| Nearon, Leo Fits, 16 Oct. 18 | royal Bermuda mil. arty., 1896-1898. | 1 lt. m. c..... 16 Oct. 18 accepted..... 23 Oct. 18 | Berm. 17 July 77 | 15 inf. |
| Ellis, Jason Stanley, 24 Oct. 18 | | pvt. san. det..... 10 May 18 1 lt. d. c..... 24 Oct. 18 accepted..... 2 Nov. 18 | Pa. 24 Mar. 90 | 4 inf. |
| Walker, Alfred S., 1 Nov. 18 | | pvt. co. B, 7 regt..... 3 Jan. 01 f. and h. dis..... 1 Apr. 11 pvt. co. B, 7 inf..... 28 Aug. 18 1 lt. d. c..... 1 Nov. 18 accepted..... 4 Nov. 18 | N. Y. 22 May 76 | 7 inf. |
| Maller, Julius William, 8 Nov. 18 | | 1 lt. d. c..... 8 Nov. 18 accepted..... 16 Nov. 18 | Roum. 25 Sep. 88 | 8 c. a. c. |
| White, Frank Melvin, 13 Dec. 18 | | 1 lt. m. c..... 13 Dec. 18 accepted..... 21 Dec. 18 | Va. 27 Oct. 90 | 15 inf. |
| Story, Claude Hamer, 28 Dec. 18 | | 1 lt. d. c..... 28 Dec. 18 accepted..... 31 Dec. 18 | N. Y. 24 Sep. 77 | 1 f. h. |
| Johnson, Roland Rufus, 28 Dec. 18 | | 1 lt. m. c..... 28 Dec. 18 accepted..... 2 Jan. 18 | Can. 29 Oct. 81 | 15 inf. |
| Prensky, William Samuel, 28 Dec. 18 | | 1 lt. d. c..... 28 Dec. 18 accepted..... 2 Jan. 19 | Russia. 14 Apr. 82 | 1 f. h. |
| Johnson, Thomas Olin, 28 Dec. 18 | pvt. m. c. r. c., 20 June 18 hon. dis. . 27 July 18 1 lt. d. c. r. c., 27 July 18 hon. dis. . 5 Dec. 18 | 1 lt. d. c..... 28 Dec. 18 accepted..... 4 Jan. 19 | N. J. 9 July 93 | 15 art. |
| Gillett, Henry Webster, 28 Dec. 18 hon. dis. 14 June 19 | | 1 lt. d. c..... 28 Dec. 18 accepted..... 3 Jan. 19 | N. H. 16 June 61 | 1 f. h. |
| Rosalsky, Henry William, 28 Dec. 18 hon. dis. 13 Nov. 19 | | 1 lt. d. c..... 28 Dec. 18 accepted..... 4 Jan. 19 | N. Y. 11 Apr. 82 | |
| Leggett, George H., 28 Dec. 18 | | 1 lt. d. c..... 28 Dec. 18 accepted..... 9 Jan. 19 | N. Y. 17 Jan. 70 | 1 f. h. |
| Blatt, William S., 6 Jan. 19 | | 1 lt. d. c..... 6 Jan. 19 accepted..... 14 Jan. 19 | N. Y. 10 June 96 | 47 inf. |

MEDICAL CORPS, NEW YORK GUARD—*Concluded*

| Name, grade, date of rank and highest brevet rank | Service | | Born | At- tached to |
|---|--|---|-------------------------|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | | |
| <i>First Lieutenants—Con- cluded</i> | | | | |
| Gluck, Ernest, 13 jan. 19 | ..... | 1 lt. d. c. 13 jan. 19 accepted. 17 jan. 19 | Hung'y 23 aug. 83 | 1 f. h. |
| Brasill, George K., 27 jan. 19 | m. d., n. a., 16 sep. 17 to 1 nov. 17 den. co. No. 1, 9 aug. 18 to 16 dec. 18 | 1 lt. d. c. 27 jan. 19 accepted. 3 feb. 19 | Conn. 24 nov. 95 | 1 f. h. |
| Gerard, Irving V., 31 jan. 19 | pvt. m. r., 21 june 18 1 lt. d. c. 31 jan. 19 | 1 lt. d. c. 11 dec. 19 accepted. 15 dec. 19 | N. Y. 12 apr. 97 | 14 inf. |
| Gelson, James N., 11f eb. 19 | ..... | 1 lt. d. c. 11 feb. 19 accepted. 17 feb. 19 | N. Y. 7 june 84 | 1 f. h. |
| Husch, Sylvester B., 17 july 19 | ..... | pvt. h. c., 9 c. a. c. feb. 18 1 lt. d. c. 6 nov. 18 accepted. 8 nov. 18 r. l. 13 feb. 19 1 lt. d. c. 17 july 19 accepted. 19 july 19 | N. Y. 9 nov. 77 | 9 c. a. c. |
| Linn, Willie, 2 sep. 19 | mustered into u. s. ser. 3 july 18 out 27 dec. 18 | pvt. 2 amb. co. 11 feb. 18 1 lt. m. c. 6 apr. 18 accepted. 8 apr. 18 hon. dis. 17 may 17 r. l. 17 may 17 1 lt. m. c. 2 sep. 19 accepted. 6 sep. 19 | N. Y. 18 aug. 87 | 2 amb. co. |
| VETERINARY CORPS | | | | |
| <i>First Lieutenant</i> | | | | |
| McAuslin, David, 8 july 19 | 1 lt. v. c. 10 dec. 17 hon. dis. 23 jan. 19 | 1 lt. v. c. 8 july 19 accepted. 17 july 19 | Scot. 18 dec. 80 | 2 f. a. |
| <i>Second Lieutenant</i> | | | | |
| Cattanach, James Shaw, 10 dec. 18 | ..... | 2 lt. v. c. 10 dec. 18 accepted. 13 dec. 18 | N. Y. 1 mar. 72 | 1 f. a. |
| CAMERA DETACHMENT | | | | |
| <i>Captain</i> | | | | |
| Elkan, Siegfried, 16 apr. 18 | ..... | pvt. 1 batty. 21 sep. 01 corp. 21 may 02 1 lt. 5 jan. 06 cap. sig. corps. 16 apr. 18 accepted. 18 apr. 18 | Ger. 8 mar. 62 | 1 f. h. |
| <i>First Lieutenants</i> | | | | |
| Friedgen, Charles, 16 apr. 18 | ..... | 1 lt. sig. corps. 16 apr. 18 accepted. 19 apr. 18 | N. Y. 26 may 78 | 1 f. h. |
| Bickelhaupt, George, 10 may 18 | ..... | 1 lt. sig. corps. 10 may 18 accepted. 11 may 18 | ..... | 1 f. a. |

COMPANY A
(First Brigade)

Organized as a Depot Company, 1st Battalion Signal Corps, N. G., N. Y. June 29, 1916. Mustered into State service as such July 27, 1916. Mustered into New York Guard, November 22, 1917.

Armory, 801 Dean Street, Brooklyn, N. Y.

Organized as a Depot Company, 1st Battalion Signal Corps, N. G., N. Y. July 5, 1916. Mustered into State service as such August 2, 1916. Mustered into New York Guard, November 20, 1917.

Authorized to organize a new company, to be known as Company C, August 27, 1919. Attached to Division June 30, 1919.

The Battalion has received authority to place silver rings on the lances of its colors, engraved as follows: *On the National Color.*—Spanish-American War, 1898; Mexican Border, 1916; World War, 1917. *On the State Color.*—Buffalo, August, 1892; Brooklyn, January, 1895.

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Major</i> Fox, James Cairns, 13 mar. 18 | | | pvt., pvt. 1 class, sgt., sgt. 1 class, 1 co. sig. corps..... 15 oct. 03 to 20 June 11 1 lt. sig. corps..... 20 June 11 cap..... 13 Mar. 15 r. l..... 10 Feb. 16 maj., depot bat. sig. corps. 1 bat..... 20 July 17 maj., 1 bat. sig. corps. 20 Oct. 17 accepted..... 25 Oct. 17 pvt. sig. corps..... 5 Oct. 05 1 cl. pvt..... 22 Apr. 07 corp..... 28 June 09 m. s. c..... 23 June 10 full and hon. dis..... 26 Sep. 14 enlisted tel. and tel. detachment, 1 bat. sig. corps..... 28 Sep. 14 1 cl. sgt..... 2 Nov. 14 discharged..... 14 Jan. 16 cap. depot sig. corps. 29 June 16 cap. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 29 June 16 accepted..... 26 Nov. 17 pvt. 2 co. sig. corps.. 29 Apr. 03 1 cl. pvt..... 14 June 04 corp..... 19 Jan. 05 sgt..... 18 May 05 1 cl. sgt..... 26 Jan. 06 dis..... 9 July 08 enl. in depot bat. sig. corps..... 11 July 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps, with o. r..... 22 Nov. 17 cap..... 3 Dec. 18 accepted..... 10 Dec. 18 pvt. 2 co. sig. corps.. 6 June 04 1 cl. pvt..... 17 May 06 corp..... 15 Feb. 07 sgt..... 27 Sep. 11 dis..... 23 Feb. 15 enl. depot sig. corps.. 7 Aug. 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 20 July 17 cap..... 24 Jan. 19 accepted..... 25 Jan. 19 | N. Y. 25 Dec. 79 |
| <i>Captains</i> Schmidt, Ernest E., 29 June 18 reserve list.... 7 Aug. 19 | A | | pvt. sig. corps..... 5 Oct. 05 1 cl. pvt..... 22 Apr. 07 corp..... 28 June 09 m. s. c..... 23 June 10 full and hon. dis..... 26 Sep. 14 enlisted tel. and tel. detachment, 1 bat. sig. corps..... 28 Sep. 14 1 cl. sgt..... 2 Nov. 14 discharged..... 14 Jan. 16 cap. depot sig. corps. 29 June 16 cap. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 29 June 16 accepted..... 26 Nov. 17 pvt. 2 co. sig. corps.. 29 Apr. 03 1 cl. pvt..... 14 June 04 corp..... 19 Jan. 05 sgt..... 18 May 05 1 cl. sgt..... 26 Jan. 06 dis..... 9 July 08 enl. in depot bat. sig. corps..... 11 July 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps, with o. r..... 22 Nov. 17 cap..... 3 Dec. 18 accepted..... 10 Dec. 18 pvt. 2 co. sig. corps.. 6 June 04 1 cl. pvt..... 17 May 06 corp..... 15 Feb. 07 sgt..... 27 Sep. 11 dis..... 23 Feb. 15 enl. depot sig. corps.. 7 Aug. 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 20 July 17 cap..... 24 Jan. 19 accepted..... 25 Jan. 19 | N. Y. 4 July 80 |
| Rogers, Charles E., Jr., 8 Dec. 18 full and hon. dis., 14 Jan. 19 | B | | pvt. 2 co. sig. corps.. 29 Apr. 03 1 cl. pvt..... 14 June 04 corp..... 19 Jan. 05 sgt..... 18 May 05 1 cl. sgt..... 26 Jan. 06 dis..... 9 July 08 enl. in depot bat. sig. corps..... 11 July 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps, with o. r..... 22 Nov. 17 cap..... 3 Dec. 18 accepted..... 10 Dec. 18 pvt. 2 co. sig. corps.. 6 June 04 1 cl. pvt..... 17 May 06 corp..... 15 Feb. 07 sgt..... 27 Sep. 11 dis..... 23 Feb. 15 enl. depot sig. corps.. 7 Aug. 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 20 July 17 cap..... 24 Jan. 19 accepted..... 25 Jan. 19 | N. Y. 6 Apr. 80 |
| Esbach, Edward B., 24 Jan. 19 | B | | pvt. 2 co. sig. corps.. 6 June 04 1 cl. pvt..... 17 May 06 corp..... 15 Feb. 07 sgt..... 27 Sep. 11 dis..... 23 Feb. 15 enl. depot sig. corps.. 7 Aug. 16 1 lt. depot bat. sig. corps..... 20 July 17 1 lt. 1 bat. sig. corps. 22 Nov. 17 with rank from..... 20 July 17 cap..... 24 Jan. 19 accepted..... 25 Jan. 19 | N. Y. 23 Feb. 82 |

FIRST BATTALION, NEW YORK SIGNAL CORPS—NEW YORK GUARD—*Concluded*

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Brokaw, De Witt Pierce, 15 aug. 19 | A | | pvt. 1 co. sig. corps. . . 1 mar. 06 1 cl. pvt. 4 june 09 corp. 28 june 09 sgt. 7 july 10 1 cl. sgt. 27 june 12 full and hon. dis. . . . 18 feb. 15 1 lt. depot sig. corps. 29 june 16 1 lt. 22 nov. 17 with rank from 29 june 16 cap. 15 aug. 19 accepted 19 aug. 19 | N. J. 19 nov. 84 |
| <i>First Lieutenants</i> | | | | |
| Holmes, Francis L., 29 june 17 | A | | pvt. 71 inf. 9 apr. 97 trans. to 1 sig. corps. — apr. 99 full and hon. dis. . . . 25 apr. 02 1 lt. depot bat. sig. corps. . . . 29 june 17 1 lt. 1 sig. corps. . . . 22 nov. 17 with rank from 29 june 17 accepted 26 nov. 17 | N. Y. 17 aug. 75 |
| Grassi, Otto J. A., 29 june 17 | sup. co. | | pvt. 1 sig. corps. . . . 18 june 03 full and hon. dis. . . . 18 feb. 15 re-enlisted co. A, 1 bat. sig. corps. . . . 19 feb. 15 full and hon. dis. . . . 19 may 17 1 lt. co. A, depot bat. sig. corps. . . . 29 june 17 1 lt. 1 bat. sig. corps. 22 nov. 17 with rank from 29 june 17 accepted 28 nov. 17 | Italy 21 nov. 78 |
| Faber, John F., 20 july 17 f. and h. dis. . . 12 july 19 | adj. | | pvt., 1 cl. pvt., corp. 1 bat. sig. corps. . . . 3 apr. 09 to 18 oct. 15 1 lt. depot sig. corps. 20 july 17 1 lt. 1 bat. sig. corps. 22 nov. 17 with rank from 20 july 17 accepted 28 nov. 17 | N. Y. 28 dec. 79 |
| Crowell, William Ward, 3 jan. 18 | B | | pvt. 2 co. sig. corps. . . 21 oct. 01 corp. 18 may 04 sgt. 6 feb. 05 sgt. 1 cl. 7 feb. 06 dis. 25 sep. 07 enl. depot co. B, 1 bat. N. Y. sig. corps N. G. 14 aug. 16 mustered in co. B, 1 sig. corps, N. Y. G. 20 nov. 17 1 lt. 3 jan. 18 accepted 7 jan. 18 | N. Y. 9 dec. 77 |
| Class, William H., 12 apr. 18 | A | | pvt. co. A, 1 bat. sig. corps. . . . 14 may 00 full and hon. dis. . . . 22 may 05 re-enlisted, depot bat. sig. corps. 5 july 16 full dis. 31 oct. 17 re-enlisted, co. A, 1 bat. sig. corps, N. Y. G. 1 nov. 17 1 lt. 1 bat. sig. corps N. Y. G. 12 apr. 18 accepted 13 apr. 18 | N. Y. 19 july 78 |

TWENTY-SECOND ENGINEERS, N. Y. G.

216 Fort Washington Avenue, New York City

Organized as a Depot Battalion July, 1917. Increased to a regiment by S. O. 275, A. G. O., October 29, 1917.

Four companies, organized at Mt. Vernon as Home Defense units, were mustered into the New York Guard November 2, 1917, and by G. O. 58, A. G. O., November 22, 1917, were attached to this regiment as Companies I, K, L and M.

By S. O. 289, A. G. O., November 14, 1917, Companies G, Pearl River, and H, Haverstraw, were transferred to the 1st Infantry, N. Y. G.

Companies I, K, L and M, detached and assigned to 8th C. A. C., N. Y. G., March 13, 1918; S. O. 65, A. G. O., Machine Gun Company, designation changed to Company I, March 22, 1918, S. O. 72, A. G. O.

Mustered into the New York Guard on dates as follows: Headquarters Company, October 8, 1917; Company A, November 5, 1917; Company B, November 28, 1917; Company C, October 29, 1917; Company D, October 22, 1917; Companies E and G, December 3, 1917; Company F November 19, 1917; Company H, February 15, 1918; Company K, May 8, 1918; Company L, May 13, 1918; Company M, June 21, 1918; Machine Gun Company, June 28, 1918.

Detached from First Brigade and attached to Division, September 30, 1919. Reorganized, November 3, 1919 (G. O. 29, A. G. O.), as follows: Headquarters Company to be Headquarters Detachment; Supply Company detached, reorganized as Engineer Train; Machine Gun Company detached, reorganized as Motor Machine Gun Company; Companies A and G, to be Company A; Companies B and H, to be Company B; Companies C and I, to be Company C; Companies D and K, to be Company D; Companies E and L, to be Company E; Companies F and M, to be Company F.

The regiment has received authority to place silver rings on the lances of its colors engraved as follows:

On the National Color.—Harper's Ferry, 1862; Gettysburg Campaign, 1863; Sporting Hill, Pa., June 30, 1863; Carlisle, Pa., July 11, 1863; Spanish-American War, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.—Draft riots, 1863; Orange riots, 1871; Buffalo, 1892; Brooklyn, 1895; Aqueduct, 1917.

TWENTY SECOND REGIMENT, ENGINEERS, NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Colonel | | | | |
| Treadwell, Harry H., 2 nov. 17 reserve list.... 1 oct. 19 | | cap. and rgtl. adj. 22 rgt., N. Y. Vols., 9 may 98 to 23 nov. 98 | pvt. co. B, 22 rgt.... 14 may 77 corp. 18 apr. 79 sgt. 12 dec. 81 1 sgt. 23 nov. 85 2 lt. 8 apr. 89 1 lt. 10 mar. 90 bat. adj. 25 may 93 lt. col. 24 jan. 99 a. d. c. to gov. 1 jan. 99 col. by brevet 23 oct. 02 retired. 6 oct. 05 assigned to duty with depot bat., 22 eng., 3 july 17 lt. col. 22 eng., N. Y. G. 5 sep. 17 col. 2 nov. 17 accepted. 7 nov. 17 | N. Y. 6 apr. 56 |
| Crimmins, Thomas, 7 oct. 19 | | mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 30 june 17 cap. 102 eng., 21 apr. 18 maj. 31 oct. 18 col. 19 feb. 19 hon. dis. 31 mar. 19 | pvt. tr. 2, sq. A. 26 nov. dropped. 25 july 2 cl. pvt. co. G. 25 june 16 1 lt. c. of e. 2 july 16 accepted. 2 july 16 dft. 5 aug. 17 r. l. 7 may 19 to div. 14 july 19 col. c. of e. 7 oct. 19 accepted. 10 oct. 19 | 00N. Y. 076 jan. 80 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel</i> | | | | |
| Haubold, Rudolph Otto, 19 feb. 18 reserve list....11 oct. 19 | | cap. 22 rgt., N. Y. Vols. 9 may 98 to 21 oct. 98 | pvt. co. H, 22 rgt. 5 apr. 89 qm. sgt. 17 feb. 90 returned to ranks 8 may 91 tra. to co. B. 21 june 91 corp. 19 sep. 92 returned to ranks 20 feb. 93 corp. 21 aug. 93 hon. dis. 16 apr. 94 pvt. co. B, 22 rgt. 7 feb. 96 1 lt. 12 mar. 97 cap. 28 jan. 98 cap., as insp. of small arms practice. 21 june 01 with original rank. resigned, full and hon. dis. 16 nov. 05 r. l. 16 june 17 sup. officer 22 eng. 16 aug. 17 cap. 22 eng., N. Y. G. 5 sep. 17 maj. 14 nov. 17 lt. col. 19 feb. 18 accepted. 19 feb. 18 | N. Y. 18 jan. 70 |
| Snyder, George D., 11 oct. 19 certified for com. as cap. inf. 19 july 06 as maj., inf. and eng., 13 apr. 06 | | 2 lt. 12 Pa. vol. inf. 26 apr. 98 mustered in, 12 may 98 asst. to chief eng., 2 army corps, 29 may 98 relieved. 12 oct. 98 mustered out, 29 oct. 98 mustered into u. s. ser. 7 july 16 out 14 jan. 17 into 20 july 17 maj., 102 eng., 19 feb. 19 hon. dis. ... 3 apr. 19 | pvt. corp., sgt., co. D, 12 Pa. inf. 5 jan. 94 to 7 may 98 2 lt. 7 may 98 cap. 11 dec. 99 resigned. 27 dec. 01 2 lt. r. l. 15 oct. 15 1 lt. c. of e. 21 dec. 15 cap. 12 sep. 16 accepted. 19 sep. 16 dft. 5 aug. 17 r. l. 5 apr. 19 lt. col. c. of e. 11 oct. 19 accepted. 11 oct. 19 | Pa. 25 sep. 66 |
| <i>Majors</i> | | | | |
| Mahon, George Francis, 26 oct. 17 reserve list....23 oct. 19 | | corp. co. C, 22 rgt., N. Y. Vols., 9 may 98 agt. 31 may 98 to 23 nov. 98 | pvt. co. C, 22 rgt. 2 sep. 93 corp. 13 sep. 97 agt. 27 feb. 99 1 agt. 27 mar. 99 2 lt. 20 nov. 03 cap. 1 feb. 04 full and hon. dis. 12 jan. 06 r. l. 2 july 17 cap. 22 eng., N. Y. G. 6 aug. 17 maj. 26 oct. 17 accepted. 26 oct. 17 | N. Y. 2 sep. 75 |
| Du Bois, Charles A., 18 mar. 18 reserve list....23 oct. 19 | | | pvt. 22 eng. 28 june 82 qm. sgt., rgt. 8 june 85 2 lt. 12 oct. 85 cap. 10 feb. 88 supn. 30 oct. 90 r. l. 7 apr. 14 cap. 22 eng. 5 sep. 17 accepted. 18 mar. 18 with rank from. 11 aug. 17 maj' c. of e. 18 mar. 18 accepted. 18 mar. 18 | N. Y. 3 july 61 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors—Continued</i> | | | | |
| Mansfield, John Collison, 18 nov. 18 | | pvt. co. A, 22 N. Y. inf. 9 may 98 to 23 nov. 98 | pvt. co. A, 22 inf. 12 apr. 97 corp. 27 nov. 99 qm. sgt. 19 mar. 00 1 sgt. 1 dec. 02 2 lt. (A), 22 eng. 30 nov. 04 1 lt. 29 jan. 06 1 lt. c. of e. 23 jan. 08 with rank from. 29 jan. 06 cap. 13 oct. 14 r. l. 23 dec. 14 cap. depot bat. c. of eng. 6 july 16 cap. 22 eng. 5 sep. 17 maj. 18 nov. 18 accepted. 18 nov. 18 | N. Y. 17 sep. 76 |
| Johnson, George Howard, 30 july 18 | | pvt. co. H, 22 N. Y. inf. 24 may 98 to 23 nov. 98 mustered into u. s. ser. 7 july 16 out 14 jan. 17 into 20 july 17 maj. c. of e. 30 july 18 hon. dis. ... 1 feb. 19 | pvt., corp., sgt., co. H, 22 inf. 22 sep. 97 to 1 feb. 06 2 lt. 22 eng. 1 feb. 06 1 lt. 26 june 07 cap. i. s. a. p. 22 eng. 25 nov. 07 supn., reassigned. 21 jan. 08 cap. c. of e. 5 feb. 08 r. l. 23 dec. 14 cap. 22 jan. 15 accepted. 27 jan. 15 dft. 5 aug. 17 r. l. 10 may 19 maj. c. of e. 22 oct. 19 accepted. 24 oct. 19 | Swed. 10 dec. 77 |
| Robinson, Ernest Frank- lin, 30 july 18 | | mustered into u. s. ser. 4 july 16 out 14 jan. 17 into 15 july 17 maj. 30 july 18 hon. dis. ... 15 apr. 19 | pvt., pvt. 1 class, co. F, 22 regt. c. of e. 11 apr. 10 to 22 july 10 2 lt. c. of e. 22 july 10 with rank from. 15 july 10 1 lt. 23 dec. 10 cap. 2 aug. 11 r. l. 23 dec. 14 cap. 22 jan. 15 accepted. 25 jan. 15 dft. 5 aug. 17 r. l. 22 oct. 19 maj. c. of e. 22 oct. 19 accepted. 29 oct. 19 | Iowa. 23 jun. 82 |
| <i>Captains</i> | | | | |
| Hearn, George Henry, 21 july 16 | C | | pvt. co. H, 22 inf. 13 jan. 87 dropped 23 mar. 91 taken up. 24 may 97 trs. co. C 21 june 97 corp. 30 oct. 99 sgt. 20 may 01 1 sgt. 8 feb. 04 2 lt. (C), 22 eng. 2 mar. 05 1 lt. c. of e. 6 apr. 08 with rank from. 30 mar. 08 cap. 11 may 09 with rank from. 4 may 09 r. l. 23 dec. 14 cap. 22 eng. 5 sep. 17 with rank from. 21 july 16 accepted. 14 sep. 17 | N. Y. 3 dec. 83 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------------|--|--|----------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Stockwell, Norris Parmly, 11 July 17 Graduate N. Y. School of the line, 1915. | E | mustered into u. s. ser..... 7 July 16 out 14 Jan. 17 into 27 July 17 att. to 162 d. b., 13 Apr. 19 hon. dis. . . . 30 Apr. 19 | pvt., corp., co. M, 5 Ohio N. G. . . . 13 Dec. 94 dis. removal. . . . 2 Aug. 97 pvt., corp., sgt., 1 sgt., co. K, 22 c. of e. . . . 1 Mar. 04 to 10 June 14 2 lt. c. of e. . . . 10 June 14 r. l. . . . 23 Dec. 14 2 lt. . . . 22 Jan. 15 1 lt. . . . 22 June 15 cap. . . . 11 July 17 accepted. . . . 16 July 17 dft. . . . 5 Aug. 17 r. l. . . . 4 Aug. 19 cap. c. of e. . . . 30 Oct. 19 accepted. . . . 3 Nov. 19 | Eng. 2 Jul. 78 |
| Wolff, Daniel, 11 Aug. 17 reserve list. . . . 17 Nov. 19 | B | Pvt. co. B, 22 rgt. N. Y. Vols., 9 May 98 corp. . . . 30 June 98 to 23 Nov. 98 | Pvt. co. B, 22 rgt. . . . 5 May 85 hon. dis. . . . 19 May 90 re-enlisted. . . . 7 Mar. 98 corp. . . . 17 Apr. 99 sgt. . . . 21 Oct. 01 2 lt. . . . 16 May 02 1 lt. . . . 15 Dec. 02 cap. . . . 6 Feb. 05 cap. . . . 23 Jan. 08 rank. . . . 6 Feb. 05 full and hon. dis. . . . 6 Aug. 09 cap. r. l. . . . 13 Sep. 15 det. to duty at Camp Whitman. . . . 19 July 16 recruiting officer. . . . 7 Aug. 16 cap. 22 eng. . . . 5 Sep. 17 with rank from. . . . 11 Aug. 17 accepted. . . . 15 Sep. 17 | Daniah W. L. 29 Aug. 65 |
| Taylor, Frederick A., 22 Nov. 17 reserve list. . . . 17 Nov. 19 | sup. co. | | cap. 22 eng. . . . 22 Nov. 17 accepted. . . . 26 Nov. 17 | N. Y. 68 |
| Gates, Milo Hudson, 23 Nov. 17 | chap- lain | | chaplain 8 Mass. m. v. m. . . . 99 to 04 cap. chaplain, 22 eng. 23 Nov. 17 accepted. . . . 30 Nov. 17 | Mass. 29 June 64 |
| Schaefer, Robert G., 28 Feb. 18 reserve list. . . . 17 Nov. 19 | G | | pvt. 22 eng. . . . 28 Mar. 03 corp. . . . 11 June 06 sgt. . . . 27 May 07 2 lt. . . . 4 May 14 r. l. . . . 23 Dec. 14 det. to active duty with depot bat., o. of e. . . . 5 July 16 2 lt. 22 eng. . . . 20 Oct. 17 1 lt. . . . 4 Dec. 17 cap. . . . 28 Feb. 18 accepted. . . . 2 Mar. 18 | Germ'y 9 June 76 |
| Dalsell, Hugh, 26 Mar. 18 reserve list. . . . 11 Oct. 19 | adj. | | pvt. co. E, 7 inf. . . . 30 Aug. 89 corp. . . . 17 Apr. 91 sgt. . . . 28 Nov. 93 1 sgt. . . . 10 Jan. 99 2 lt. 7 inf. . . . 22 Apr. 00 1 lt. . . . 4 Oct. 00 f. and h. dis. . . . 18 Nov. 05 cap. 22 eng. . . . 26 Mar. 18 accepted. . . . 28 Mar. 18 | Ire. 14 July 66 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|------------------------|
| | | In the armies of U S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Sheldon, Rowland C., 8 apr. 18 reserve list....21 dec. 18 | I | ..... | 2 lt. 11 dec. 17 1 lt. 5 mar. 18 cap. 8 apr. 18 accepted. 11 apr. 18 | N. J. 24 june 76 |
| Bowman, William Law, 10 apr. 18 | D | pvt. 1 corps of cadets, Mass. V. M., 1904 hon. dis. . . . 10 july 07 | cap. 22 eng. N. Y. G. 10 apr. 18 accepted. 11 apr. 18 | Pa. 28 july 81 |
| Parker, Morris Ketchum, 10 may 18 reserve list....17 nov. 19 | D | ..... | pvt. tr. I, sq. A, cav., N. G. 28 apr. 09 dropped. 6 oct. 11 pvt. tr. A, sq. A, cav., N. Y. G. 25 july 17 hon. dis. 7 mar. 18 1 lt. 22 eng. N. Y. G. 26 jan. 18 cap. 10 may 18 accepted. 11 may 18 | Conn. 24 aug. 78 |
| Morrison, Thomas John, 4 sep. 18 reserve list....24 oct. 19 | i.s.a.p. | ..... | pvt. co. F, 22 regt. eng., N. Y. G. 2 jan. 18 1 lt. 22 eng., N. Y. G. 9 apr. 18 cap. 4 sep. 18 accepted. 16 sep. 18 | Ire. 11 july 09 |
| Seaver, William Parker, 26 sep. 18 reserve list....17 nov. 19 | H | pvt. color Sgt. lt., 5 Mass. inf. | 2 lt. 22 eng., N. Y. G. 27 mar. 18 1 lt. 27 july 18 cap. 26 sep. 18 accepted. 30 sep. 18 | Mass. 6 aug. 82 |
| Brown, Walter Francis A., 27 nov. 18 reserve list....17 nov. 19 | E | u. s. cav., sep. 8, 1902, for 3 yrs. | 2 lt. 22 eng., N. Y. G. 15 july 18 1 lt. 26 sep. 18 cap. 27 nov. 18 accepted. 6 dec. 18 | N. Y. 10 july 85 |
| Berning, Henry Rudolph, 4 dec. 18 reserve list....17 nov. 19 | A | ..... | pvt. co. E 26 nov. 06 1 cl. pvt. 24 may 09 corp. 12 may 12 2 lt. 2 apr. 14 r. i. 23 dec. 14 det. to duty with depot bat., 22 eng. 26 july 16 1 lt. 22 eng. 20 oct. 17 cap. 15 nov. 17 f. and h. dis. 13 sep. 18 cap. 4 dec. 18 accepted. 6 dec. 18 | N. Y. 18 aug. 88 |
| Gulfoyle, Joseph V., 18 jan. 19 reserve list....17 nov. 19 | L | pvt. co. B, Col. N. G., 10 jan. 10 sgt. 10 july 10 hon. dis. ... 6 mar. 11 C. O. T. C. camp Lee, Va. 8 sep. 18 hon. dis. ... 1 nov. 18 | pvt. co. B, 22 eng. 29 apr. 18 sgt. 1 may 18 hon. dis. 1 july 18 2 lt. 22 eng. 14 oct. 18 1 lt. 16 nov. 18 cap. 13 jan. 19 accepted. 20 jan. 19 | Col. 22 sep. 86 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Tough, Charles Carson, 19 feb. 19 reserve list.. 17 nov.. 19 | F | ..... | pvt. 23 sep. co. N. G. N. Y. 14 oct. 86 corp. 23 dec. 89 full and hon. dis. 23 jan. 92 pvt. co. I, 23 regt., N. G. N. Y. 25 jan. 92 full and hon. dis. 8 june 99 pvt. co. F, 22 eng., N. Y. G. 16 nov. 17 1 sgt. 25 mar. 18 2 lt. 22 eng., N. Y. G. 11 oct. 18 1 lt. 3 dec. 18 cap. 19 feb. 19 accepted. 24 feb. 19 | N. Y. 11 feb. 69 |
| Crews, Rexford, 11 oct. 19 | adjt. | mustered into u. s. ser. 4 apr. 17 1 lt. 102 eng., 17 sep. 18 hon. dis. ... 3 apr. 19 | pvt. 19 feb. 15 corp. 19 june 16 2 lt. 71 inf. 4 apr. 17 accepted. 7 apr. 17 dft. 5 aug. 17 r. l. 20 may 19 cap. c. of e. 11 oct. 19 accepted. 11 oct. 19 | Ark. 6 july 92 |
| Gray, Maxwell Henderson, 30 oct. 19 | B | mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 102 eng., 15 july 17 hon. dis. ... 14 june 19 | pvt., 1 class pvt., corp., co. D, 22 engs. 5 may 14 to 30 june 15 2 lt. 30 june 15 1 lt. 27 june 16 accepted. 27 june 16 dft. 5 aug. 17 cap. c. of e. 30 oct. 19 accepted. 31 oct. 19 pvt. co. B, 22 eng. 16 aug. 15 1 cl. pvt. hon. dis. 13 aug. 17 | Ga. 8 dec. 87 |
| Rees, Herbert Earl, 30 oct. 19 | A | mustered into u. s. ser. 30 june 17 1 lt. 1 oct. 17 hon. dis. ... 30 apr. 19 | 2 lt. 22 eng. 3 aug. 17 accepted. 4 aug. 17 dft. 5 aug. 17 r. l. 5 may 19 cap. c. of e. 30 oct. 19 accepted. 3 nov. 19 | N. Y. 10 july 90 |
| Mellen, Henry Luther, 30 oct. 19 | B | mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 20 july 17 102 eng. hon. dis. ... 4 june 19 | pvt., 1 class pvt., corp., co. D, c. of e. 9 may 14 to 30 june 15 2 lt. 30 june 15 1 lt. 28 june 16 accepted. 28 june 16 dft. 5 aug. 17 r. l. 20 oct. 19 cap. c. of e. 30 oct. 19 accepted. 10 nov. 19 | Vt. 4 jan. 89 |
| First Lieutenants | | | | |
| Fagan, Edward J. D., 7 oct. 17 | ..... | mustered into u. s. ser. 7 july 16 out 4 jan. 17 into 20 july 17 1 lt. 102 eng., 7 oct. 17 hon. dis. ... 3 apr. 19 | pvt. co. G, 22 eng. 27 oct. 02 g. m. s. 11 nov. 07 full and hon. dis. 22 mar. 15 re-enlisted and war- rant continued. 1 sgt. 4 feb. 15 master eng., i. g. 1 sep. 16 dft. 5 aug. 17 r. l. 10 dec. 19 1 lt. 22 eng. 30 dec. 19 accepted. 5 jan. 20 | 7 oct. 80 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| First Lieutenants — Continued | | | | |
| Roberts, William, 18 oct. 17 reserve list....26 nov. 19 | B | 1 sgt. co. B, 22 rgt., N. Y. Vols., 11 may 98 returned to ranks, 8 sep. 98 mustered out, 23 nov. 98 | pvt. co. H, 22 rgt. 13 sep. 88 corp. 15 may 91 trs. to co. B. 29 june 91 corp. 10 june 93 sgt. 12 aug. 93 1 sgt. 17 may 98 hon. dis. 6 mar. 99 pvt. co. B, 22 rgt. 19 mar. 00 corp. 27 jan. 02 sgt. 26 may 02 1 sgt. 3 june 07 2 lt. c. of e. 27 jan. 09 with rank from. 18 jan. 09 1 lt. 12 nov. 09 with rank from. 3 nov. 09 2 lt. 7 mar. 13 r. l. 23 dec. 14 1 lt. 22 eng. 18 oct. 17 accepted. 22 oct. 17 | N. Y. 12 nov. 68 |
| Happener, William Van S., 23 nov. 17 | asst. i. s. a. p. | ..... | pvt. 22 regt. eng. 21 dec. 03 full and hon. dis. 29 mar. 09 pvt. 22 eng. 10 sep. 17 regt. sgt. maj. 10 nov. 17 1 lt. 23 nov. 17 accepted. 30 nov. 17 | N. Y. 2 sep. 78 |
| Vollmer, William H., 27 nov. 17 | A | mustered into u. s. a. ser. 4 july 16 out 30 oct. 16 into 30 june 17 1 lt. inf. 27 nov. 17 1 lt., air service, 6 feb. 18 hon. dis. 18 mar. 19 | pvt. co. A, 22 eng. 27 june 16 dft. 5 aug. 17 r. l. 14 may 19 1 lt. 22 eng. 11 dec. 19 accepted. 12 dec. 19 | N. Y. 14 sep. 91 |
| Peobles, John Carleton, 8 jan. 18 reserve list....17 dec. 19 | G | ..... | 2 lt. 11 dec. 17 1 lt. 8 jan. 18 accepted. 10 jan. 18 | Mass. 28 sep. 74 |
| Brown, Le Roy T., 8 apr. 18 reserve list....11 nov. 19 | bat. adj. | ..... | pvt. co. F, 23 inf. 28 june 09 full and hon. dis. 23 nov. 14 pvt. co. D. 1 nov. 17 bat. sgt. maj. 23 inf. 5 nov. 17 1 lt. 22 eng. 8 apr. 18 accepted. 9 apr. 18 | L. I. 1 feb. 92 |
| Fielding, Warren Chen- nells, 20 may 18 reserve list....14 nov. 19 | K | ..... | pvt. co. F, 22 regt. eng. N. Y. G. 12 nov. 17 corp. 15 feb. 18 2 lt. 22 eng., N. Y. G. 10 apr. 18 1 lt. 22 eng., N. Y. G. 20 may 18 accepted. 23 may 18 | N. Y. 22 jan. 86 |
| Bierbauer, Charles A., 3 july 18 reserve list....19 nov. 19 | bat. adj. | ..... | pvt. co. G, 22 eng. 19 nov. 17 sgt. 3 dec. 17 2 lt. 22 eng. 18 jan. 18 1 lt. 3 july 18 accepted. 5 july 18 | N. Y. 25 sep. 87 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Gibbs, Albert W., 23 aug. 18 | D | mustered into u. s. ser. 7 July 16 out 4 Jan. 17 into 20 July 17 2 lt. 102 eng., 4 Dec. 17 1 lt. 23 aug. 18 hon. dis. ... 3 Apr. 19 | pvt. co. H, 22 eng. ... 11 mar. 07 dropped. 9 aug. 09 taken up. 18 Apr. 10 corp. 11 July 10 sgt. 5 Nov. 14 full and. hon. dis. 17 May 15 re-enlisted and warrant con. 22 Sep. 16 sgt. 1 cl. 5 Aug. 17 dft. 17 Oct. 19 r. l. 22 Oct. 19 1 lt. c. of e. 28 Oct. 19 accepted. 28 Oct. 19 | N. Y. 28 Sep. 86 |
| Liebert, Frederick Washington, 26 aug. 18 reserve list. 26 Nov. 19 | A | | pvt. co. F, 22 eng., N. Y. G. 14 Nov. 17 corp. 18 Mar. 18 sgt. 1 Apr. 18 2 lt. 22 eng., N. Y. G. 20 May 18 1 lt. 26 Aug. 18 accepted. 31 Aug. 18 | N. Y. 22 Feb. 85 |
| Herbert, Victor, 30 aug. 18 reserve list. 17 Oct. 19 | band leader | | bandmaster, 22 eng. ... 1 Jan. 94 full and hon. dis. 28 May 00 1 lt., b. l. 22 eng. 30 Aug. 18 accepted. 13 Sep. 18 | Ire. |
| Schuyler, Robert Livingston, 19 Oct. 18 reserve list. 14 Nov. 19 | C | | pvt. co. C, 22 eng., N. Y. G. 14 Sep. 17 sgt. 26 Apr. 18 1 lt. 22 eng., N. Y. G. 19 Oct. 18 accepted. 25 Oct. 18 | N. Y. 26 Feb. 83 |
| Onken, John H., 25 Nov. 18 | D | | pvt. co. B, 22 eng. 15 Sep. 13 corp. 14 Sep. 14 sgt. June 15 trans. to depot bat. July 16 to co. D, 22 eng. 8 Oct. 17 1 sg. 12 Nov. 17 1 lt. 22 eng. 25 Nov. 18 accepted. 29 Nov. 18 | N. Y. 29 Sep. 80 |
| Hines, William Andrew, 14 Dec. 18 reserve list. 26 Nov. 19 | E | | pvt. co. F, 22 eng., N. Y. G. 12 Nov. 17 2 lt. 5 Nov. 18 1 lt. 18 Sep. 18 hon. dis. 7 Nov. 18 1 lt. 22 eng. 4 Dec. 18 accepted. 9 Dec. 18 | 12 Nov. 74 |
| Locke, Justus Vinton, 12 Mar. 19 | F | | pvt. co. F, 7 regt., N. Y. G. 19 Nov. 88 dropped for removal. 2 Jan. 96 pvt. co. F, 22 eng., N. Y. G. 12 Nov. 17 sgt. 15 Feb. 18 1 sg. 21 Oct. 18 2 lt. 22 eng., N. Y. G. 4 Dec. 18 1 lt. 12 Mar. 19 accepted. 17 Mar. 19 | Mass. 2 Mar. 64 |
| Muchenfuss, Lee Pelser, 28 Mar. 19 reserve list. 13 Nov. 19 | bat. adj. | | pvt. co. G, 22 eng., N. Y. G. 26 Nov. 17 corp. 29 Dec. 17 sgt. 11 Apr. 18 2 lt. 22 eng., N. Y. G. 2 Aug. 18 1 lt. 28 Mar. 19 | Mo. 5 Mar. 80 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Sackett, Leslie Augustus, 26 June 19 | H | ..... | pvt. co. K, 22 eng., N. G. N. Y. 2 nov. 03 corp. 24 oct. 04 sgt. 29 apr. 07 hon. dis. 17 may 09 pvt. co. H, 22 eng., N. Y. G. 13 feb. 18 sup. sgt. 19 feb. 18 2 lt. 19 oct. 18 1 lt. 26 June 19 accepted. 30 June 19 | N. Y. 14 feb. 79 |
| Goodwin, Richard V., 27 June 19 | D | mustered into u. s. ser. 27 June 16 out 6 oct. 16 into 30 mar. 17 hon. dis. ... 12 June 17 | pvt. co. K, 71 inf., N. Y. N. G. 7 mar. 16 corp. 25 mar. 17 hon. dis. 12 June 17 pvt. co. L, 22 eng., N. Y. G. 26 aug. 18 sgt. 16 oct. 18 2 lt. 22 eng., N. Y. G. 16 nov. 18 1 lt. 27 June 19 accepted. 30 June 19 | N. Y. 20 nov. 93 |
| McCready, Donald M., 28 June 19 | F | ..... | 2 lt. 22 eng. 13 Jan. 19 1 lt. 28 June 19 accepted. 30 June 19 | N. Y. 14 July 87 |
| Ballard, Charles A., Jr., 26 nov. 19 | A | mustered into u. s. ser. 4 July 16 out 30 oct. 16 into 30 July 17 hon. dis. Feb. 19 | pvt. co. A, 22 eng. 15 may 16 corp. 22 June 17 dft. 5 aug. 17 1 lt. 22 eng. 26 nov. 19 accepted. 5 dec. 19 | Mass. 10 apr. 96 |
| Fogarty, James P., 30 dec. 19 | E | U. S. navy. 6 Jan. 06 to 5 Jan. 12 mustered into u. s. ser. 7 July 16 out 4 Jan. 17 into 7 July 17 2 lt. 102 eng., 3 dec. 17 to 1 eng. Sep. 18 hon. dis. ... 29 July 19 | pvt. co. G, 22 eng. 23 June 16 trans. to co. D. 2 sep. 16 master eng., j. g. 1 sep. 16 dft. 5 aug. 17 2 lt. 22 eng. 11 nov. 19 1 lt. 30 dec. 19 accepted. 5 Jan. 20 | N. Y. 6 may 90 |
| <i>Second Lieutenants</i> | | | | |
| Davis, Albert E., 8 nov. 17 | D | ..... | 2 lt. 8 nov. 17 accepted. 12 nov. 17 | ..... |
| Bandler, Harvey S., 5 June 18 reserve list. 11 nov. 19 | B | ..... | pvt. co. 6, 9 c. a. e., N. Y. G. Oct. 17 trans. co. D, 22 eng., N. Y. G. 26 nov. 17 regt. sgt. maj. 3 dec. 17 2 lt. 22 eng. N. Y. G. 5 June 18 accepted. 7 June 18 | N. Y. 22 mar. 73 |
| Wallau, Alexander Lee, 18 sep. 18 reserve list. 7 nov. 19 | C | ..... | pvt. co. G, 71 inf. N. Y. G. July 18 corp. Aug. 18 2 lt. 22 eng., N. Y. G. 18 sep. 18 accepted. 23 sep. 18 | N. Y. 13 aug. 85 |

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD— (Concluded)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Donnatin, Louis Nicholas, 18 sep. 18 reserve list.... 14 nov. 19 | I | ..... | pvt. co. I, 22 eng., N Y. G. 25 feb. 18 1 sgt. 26 apr. 18 22 eng., N. Y. G. 16 sep. 18 accepted 23 sep. 18 | N. Y. 5 jan. 68 |
| Denison, Charles F., 1 nov. 18 reserve list.... 11 nov. 19 | ..... | ..... | pvt. co. K, 22 regt., N. G. N. Y. 29 jan. 00 corp. 24 oct. 04 full and hon. dis. 15 may 08 pvt. co. E, 22 eng., N. Y. G. 1 oct. 17 2 lt. 22 eng., N. Y. G. 1 nov. 18 accepted 4 nov. 18 | N. Y. 1 dec. 84 |
| Bishop, Mortimer, 19 feb. 19 reserve list.... 14 nov. 19 | K | ..... | pvt. co. F, 22 eng. 12 nov. 17 sgt. maj. 2 jan. 18 2 lt. 22 eng. 19 feb. 19 accepted 22 feb. 19 | ..... |
| Anderson, Charles G., 28 mar. 19 | G | ..... | pvt. co. B, 10 bat. 14 apr. 98 to 110 bat. 31 may 98 to co. B, 10 bat. 23 feb. 99 dropped. 28 apr. 99 pvt. co. G, 22 eng. 26 nov. 17 sgt. 29 dec. 17 1 sgt. 16 sep. 18 2 lt. 22 eng. 28 mar. 19 accepted 31 mar. 19 | Mich. 27 jan. 77 |
| Hagan, Walter F., 13 june 19 reserve list.... 22 nov. 19 | F | mustered into u. s. ser. 22 july 17 to 106 m. g. bat.; to to 102 am. tr.; hon. dis. 4 apr. 19 | pvt. tr. E, 1 cav. 4 aug. 17 dft. 5 aug. 17 2 lt. 22 eng. 13 june 19 accepted 16 june 19 aide to gov. 18 june 19 | N. Y. 5 june |
| Baxter, Robert L., 26 june 19 reserve list.... 14 nov. 19 | A | ..... | pvt. co. A, 22 eng. 29 oct. 17 corp. 26 dec. 17 sgt. 22 sep. 18 2 lt. 22 eng. 26 june 19 accepted 28 june 19 | Can. 1 oct. 87 |

DIVISION ENGINEER TRAIN, NEW YORK GUARD

Organised from Supply Company, 22d Engineers, New York Guard, November 3, 1919, (G. O. 29). Headquarters and Supply Section only.

| Name, grade, date of rank and highest brevet rank | Service | | Born |
|---|--|---|---------------------|
| | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains</i> | | | |
| Burns, Peter F., 14 nov. 18 | sgt. co. G, 22 eng., N. Y. V. 9 may 98 1 sgt. 27 aug. 98 hon. dis. 23 nov. 98 mustered into u. s. ser. 20 july 17 cap. 102 eng. 14 nov. 18 hon. dis. 3 apr. 19 | pvt. co. G, 22 eng. 29 jan. 92 corp. 23 oct. 93 sgt. 16 apr. 94 1 sgt. 1 may 99 full and hon. dis. 6 oct. 99 re-enlisted. 5 feb. 00 sgt. 17 mar. 02 hon. dis. 17 mar. 05 2 lt. c. of e. 11 mar. 08 accepted. 23 mar. 08 r. l. 23 dec. 14 2 lt. c. of e. 22 jan. 15 1 lt. 25 may 15 cap. 26 june 16 accepted. 26 june 16 r. l. 2 apr. 17 cap. qm. c. 10 may 17 1 lt. 22 eng. 17 july 17 accepted. 18 july 17 dft. 5 aug. 17 r. l. 2 june 19 cap. c. of e. 30 oct. 19 accepted. 31 oct. 19 trs. to eng. tr. 30 dec. 19 | N. J. 20 nov 69 |
| Fearing, Charles Parkman, 26 sep. 18 | ..... | pvt. co. C, 22 eng., N. Y. G. 26 oct. 17 sup. sgt., co. E, 22 eng., N. Y. G. 3 dec. 17 battn. sup. sgt. 15 apr. 18 1 lt. 22 eng., N. Y. G. 26 sep. 18 accepted. 30 sep. 18 trs. to eng. tr. 3 nov. 19 | N. Y. 19 feb. 88 |

FIRST MACHINE GUN BATTALION, NEW YORK GUARD

Organized November 3, 1919 (G. O. 29, A. G. O.), to consist of two companies.
 Company A.—First Motor Machine Gun Company, formerly Motor Machine Gun Battery,
 1st Field Artillery, N. Y. G. (mustered in July 29, 1918).
 Company B.—Machine Gun Company, detached from 22d Engineers, N. Y. G. (mustered in
 June 28, 1918).

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains</i> | | | | |
| Bell, Oliver Lee, 2 aug. 18 | B | navy, mar. 1891, 3 cl. app., dis. abt. 2 yrs. later; 6 yrs. 1 regt. D. C. N. G.; Span. Am. war at Santi- ago with 1 regt. D. C. vols. | pvt. co. L, 7 regt. . . . 14 nov. 17 tra. co. F, 22 eng. . . . 18 feb. 18 re-enlisted 19 nov. 17 1 lt. co. F, 22 eng., N. Y. G. 20 mar. 18 cap. 22 eng., N. Y. G. 2 aug. 18 accepted 12 aug. 18 tra. to 1 m. g. btn. . . . 3 nov. 19 | Md. 16 dec. 77 |
| Knickerbocker, Reginald C., 26 sep. 18 | A | ..... | seaman, 2 div., 1 btn., n. m. 29 sep. 03 to 24 oct. 10 2 lt. 9 c. a. c. 20 may 18 cap. 1 f. a. 26 sep. 18 tra. to m. m. g. co. . . . 23 may 19 tra. to 1 m. g. btn. . . . 3 nov. 19 | Mass. 20 mar. 83 |
| <i>First Lieutenants</i> | | | | |
| Douglas, Bernard M., 19 oct. 18 | B | ..... | pvt. co. F, 22 eng., N. Y. G. nov. — 17 1 sgt. m. g. co. — june 18 2 lt. 22 eng., N. Y. G. 28 aug. 18 1 lt. 19 oct. 18 accepted 25 oct. 18 tra. to 1 m. g. btn. . . . 3 nov. 19 | Va. 3 sep. 67 |
| Harris, William C., 24 jan. 19 | A | ..... | seaman, 2 div., 1 btn., n. m. 10 may 04 to 10 may 09 pvt. 7 inf. 14 nov. 17 corp. 24 jan. 19 1 lt. 1 f. a. 24 jan. 19 accepted 24 jan. 19 tra. to m. m. g. co. . . . 23 may 19 tra. to 1 m. g. btn. . . . 3 nov. 19 | N. Y. 25 june 83 |
| Moon, George T., Jr. 28 mar. 19 | A | ..... | pvt. 2 co. 9 c. a. c. . . . 8 oct. 17 corp. 21 nov. 17 sgt. 1 apr. 18 bat. sgt. maj. 16 july 18 trans. to 2 co. 7 oct. 18 sgt. 7 oct. 18 2 lt. 1 f. a. 4 dec. 18 1 lt. 28 mar. 19 accepted 29 mar. 19 trans. to m. m. g. co. . . . 23 may 19 trans. to 1 m. g. bat. . . . 3 nov. 19 | N. Y. 25 jan. 83 |
| <i>Second Lieutenants</i> | | | | |
| Singer, Sidney Kent, 8 nov. 18 | B | ..... | pvt. co. F, 23 inf., N. Y. G. 14 nov. 17 trans. 22 eng., N. Y. G. 12 aug. 18 sgt., 1 sgt. 6 sep. 18 2 lt. 22 eng., N. Y. G. 8 nov. 18 accepted 9 nov. 18 trans. to 1 m. g. bat. . . . 3 nov. 19 | Ill. 1 feb. 77 |

FIRST MACHINE GUN BATTALION, NEW YORK GUARD — (Concluded)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Traconos, Demos, 18 July 18 reserve list... 6 June 19 | A | ..... | 2 lt. 1 f. a., N. Y. G. 18 July 18 accepted..... 29 July 18 to m. m. g. co..... 23 May 19 | Greece 9 Sep. 81 |
| Jones, William Willets, 8 Nov. 18 | B | ..... | pvt. m. g. co. 22 eng., N. Y. G..... 28 June 18 sup. sgt..... 27 July 18 2 lt. 23 eng., N. Y. G. 8 Nov. 18 accepted..... 9 Nov. 18 trans. to 1 m. g. bat... 3 Nov. 19 | Pa. 26 Sep. 69 |
| Snyder, Louis A., 24 Feb. 19 | A | ..... | pvt. m. g. co. 9 c. a. c. 8 Apr. 18 2 lt. 1 f. a..... 24 Feb. 19 accepted..... 30 Apr. 19 trans to m. m. g. co. 23 May 19 trans. to 1 m. g. bat... 3 Nov. 19 | Ohio 1 May 94 |

FIRST CAVALRY, NEW YORK GUARD

Headquarters, 1322 Bedford Avenue, Brooklyn

The First Cavalry was organized May 22, 1919, in accordance with G. O. 13, A. G. O., from Squadrons B, C and D, and attached to Division.

| Station | Old designation | New designation |
|------------------------|--------------------------|----------------------|
| Brooklyn..... | Troop A, Squadron C..... | Troop A, 1st Cavalry |
| Albany..... | Troop B, Squadron D..... | Troop B, 1st Cavalry |
| Brooklyn..... | Troop C, Squadron C..... | Troop C, 1st Cavalry |
| Syracuse..... | Troop D, Squadron B..... | Troop D, 1st Cavalry |
| Brooklyn..... | Troop E, Squadron C..... | Troop E, 1st Cavalry |
| West New Brighton..... | Troop F, Squadron C..... | Troop F, 1st Cavalry |
| Utica..... | Troop G, Squadron D..... | Troop G, 1st Cavalry |
| Rochester..... | Troop H, Squadron B..... | Troop H, 1st Cavalry |
| Buffalo..... | Troop I, Squadron B..... | Troop I, 1st Cavalry |
| Huntington..... | Troop K, Squadron C..... | Troop K, 1st Cavalry |
| Brooklyn..... | Troop B, Squadron C..... | Troop L, 1st Cavalry |
| Avon..... | Troop M, Squadron B..... | Troop M, 1st Cavalry |

May 22, 1919, authorized to organize Machine Gun Troop (G. O. 13, A. G. O.), with station at 426 Humboldt Parkway, Buffalo (G. O. 28, A. G. O.).

June 13, 1919, by Special Orders No. 132, A. G. O., Troop C was redesignated Troop L; Troop L was redesignated Troop C.

October 30, 1919, station of Troop K changed from Huntington to Brooklyn (G. O. 28, A. G. O.).

November 21, 1919, station of Troop M changed from Avon to Genesee (G. O. 31, A. G. O.).

Federal recognition as National Guard was extended as follows: Troop C, June 30, 1919; Troop F, June 28, 1919; Troop H, November 24, 1919; Troop I, December 19, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Spanish-American War, 1898; Porto Rico, 1898; Coamo, August 9, 1898; Asomanta, August 9 to 12, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.—Croton Dam, April, 1900; Coeymans, May, 1906.

SQUADRON B

Organized as Depot Units and mustered into State service as follows: Troop H, Rochester, August 8, 1917; Troop I, Buffalo, September 21, 1917.

By S. O. 255, A. G. O., October 6, 1917, Troops D, Syracuse; B, Albany; G, Utica; were attached, and the Squadron made a part of 2d Brigade.

By G. O. 58, A. G. O., November 22, 1918, Troops B and G were detached and formed a squadron designated Squadron D. Attached to 4th Brigade.

Mustered into the New York Guard on dates as follows: Troop D, December 31, 1917; Troop H, January 15, 1918; Troop I, February 1, 1918.

SQUADRON C

Organized as Depot unit, 1st Cavalry, June, 1916. Reorganized and mustered into State service August 27, 1917.

By S. O. 268, A. G. O., October 20, 1917, again reorganized as a squadron to consist of four troops to be designated Troops A, B, and C, at Brooklyn, and Troop E, at West New Brighton, authorized by S. O. 318, A. G. O., December 19, 1917, and attached to the 1st Brigade.

Troop K was organized at Huntington, L. I., from a Home Defense unit and attached to the squadron by G. O. 58, A. G. O., December 19, 1917. Squadron transferred to 2d Brigade, G. O. 64, A. G. O., December 22, 1917.

Mustered into the New York Guard on dates as follows: Troop A, August 27, 1917; Troop C, October 8, 1917; Troop F, November 19, 1917; Troop K, October 9, 1917; Troop E, January 7, 1918; Troop B, May 27, 1918.

SQUADRON D,

TROOP B

Organized as a Depot unit and mustered into the State service July 16, 1917, as a troop of the 1st Cavalry.

Attached to Squadron B, by S. O. 255, A. G. O., October 6, 1917. Detached from Squadron B and attached to Squadron D, G. O. 58, A. G. O., November 22, 1917.

Mustered into New York Guard, November 16, 1917. Performed duty guarding the Aqueduct.

TROOP G

Organized as a Depot Troop and mustered into State service August 31, 1917, as a troop of the 1st Cavalry.

Attached to Squadron B, by S. O. 255, A. G. O., October 6, 1917. Detached from Squadron B, and attached to Squadron D, G. O. 58, A. G. O., November 21, 1917.

Mustered into New York Guard, November 16, 1917. Performed duty guarding the Aqueduct.

CAVALEY — FIRST REGIMENT

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Colonel | | | | |
| Bryant, Mortimer Drake, 21 may 19 Graduate, Garrison Schools, 1914. | | pvt. tr. C, N. Y. cav., 2 may 98 to 25 nov. 98 mustered into u. s. ser. 30 june 16 out. 20 mar. 17 into 15 july 17 maj. 106 m. g. bat., 1 oct. 17 lt. col. 18 oct. 18 col. 107 inf. 2 nov. 18 hon. dis. ... 2 apr. 19 | pvt., corp., sgt., tr. C. 1 nov. 97 to 9 feb. 05 1 lt. (6) sq. C. 9 feb. 05 cap. 31 july 09 trs. 1 cav. 28 dec. 11 trs. 2 cav. 11 mar. 12 assigned 1 cav. 10 dec. 13 maj. 3 june 15 accepted. 5 june 15 dft. 5 aug. 17 col. 1 cav. 21 may 19 accepted. 22 may 19 | N. Y. 14 mar. 78 |
| Majors | | | | |
| DeBevoise, Cornelius Schenck, 1 aug. 17 | | pvt. tr. C, N. Y. cav., 2 may 98 to 25 nov. 98 | pvt., corp., sgt., tr., tr. C. 8 mar. 97 to 9 feb. 05 2 lt. (6) sq. C. 9 feb. 05 1 lt. 18 mar. 08 with rank from. 13 mar. 08 cap. 1 cav. 9 mar. 12 trs. 2 cav. 11 mar. 12 assigned 1 cav. 10 dec. 13 resigned. 6 june 16 r. l. 5 july 13 det. to duty with depot bat., 1 cav. 8 july 16 maj. 10 aug. 17 accepted. 10 aug. 17 | N. Y. 4 dec. 76 |
| Barry, William Crawford Jr., 8 oct. 17 reserve list. 13 june 19 | | | pvt. tr. H, depot bat. 13 june 16 2 lt. depot bat. 1 cav. 2 july 16 maj. sq. B, cav. 6 oct. 17 accepted. 15 oct. 17 to 1 cav. 22 may 19 | N. Y. 12 jan. 75 |
| Molyneux, Robert Rice, 17 july 15 | | mustered into u. s. ser. 30 june 16 out 23 dec. 16 into 22 july 17 cap. 105 m. g. bat., 27 apr. 18 to 104 m. g. bat., 14 oct. 18 maj. 26 oct. 18 hon. dis. ... 16 apr. 19 | pvt., tr. D, 1 cav., corp., sgt. 22 sep. 11 1 lt. 17 july 15 accepted. 20 july 15 dft. 5 aug. 17 maj. 1 cav. 29 aug. 19 accepted. 4 dec. 19 | N. Y. 9 dec. 89 |
| Andrews, Walter G., 19 feb. 19 | | mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 22 july 17 to 104 m. g. bat., — oct. 17 to 105 m. g. bat., — mar. 18 1 lt. 3 apr. 18 cap. 23 apr. 18 to 107 inf. — july 18 maj. 19 feb. 19 hon. dis. ... 2 apr. 19 | pvt. 1 cav. tr. I. 28 feb. 16 2 lt. 1 cav. 11 may 17 accepted. 12 may 17 dft. 5 aug. 17 maj. 1 cav. 23 aug. 19 accepted. 1 sep. 19 | Ill. |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------------|---|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains | | | | |
| Miller, Ernest Livingston, 8 nov. 11 Graduate, Garrison Schools, 1914. | i. a. a. p. | mustered into u. s. ser..... 30 june 16 out 16 mar. 17 into 31 mar. 17 hon. dis. from 83 f. a. 7 apr. 19 | pvt., corp., sgt., 1 sgt., 3 sq. corps, 19 apr. ... pvt. tr. B..... 1 feb. 93 hon. dis..... 1 feb. 00 pvt., 1 sgt..... 6 feb. 00 hon. dis..... 15 jan. 02 2 lt..... 27 jan. 02 1 lt..... 6 oct. 03 cap. 3 sq..... 8 nov. 11 tra. 1 cav..... 28 dec. 11 tra. 2 cav..... 5 nov. 13 assigned to 1 cav..... 10 dec. 13 dft..... 5 aug. 17 r. l..... 13 may 19 cap. 1 cav..... 6 oct. 19 accepted..... 7 oct. 19 | N. Y. 73 |
| Mathiesen, Christian, 2 july 17 reserve list.... 24 oct. 19 | I | | enlisted, 74 inf..... 23 mar. 08 dis..... 24 mar. 12 re-enlisted tr. I, 1 cav. 10 apr. 15 discharged..... 1 july 17 cap. tr. I, 1 d. b..... 2 july 17 accepted..... 6 july 17 cap. sq. B, cav..... 2 july 17 to 1 cav..... 22 may 19 | Norway 14 oct. 84 |
| Westcott, Addison H 9 aug. 17 | G | | pvt. tr. G, 2 cav..... 1 june 12 sgt..... 17 dec. 12 full and hon. dis..... 8 mar. 15 cap. sq. D, 1 cav..... 9 aug. 17 accepted..... 9 aug. 17 to 1 prov. regt..... 10 sep. 17 relieved..... 7 jan. 19 to 1 cav..... 22 may 19 | |
| Graves, Robert F., 5 sep. 17 | A | mustered into u. s. ser..... 30 june 16 out 20 mar. 17 | pvt. tr. C..... 18 nov. 01 corp..... 31 aug. 04 sgt. tr. C, sq. C..... 13 feb. 06 1 sgt. tr. E, 1 cav..... 6 may 12 2 lt. 1 cav..... 1 feb. 16 1 lt..... 19 dec. 16 accepted..... 4 jan. 17 full and hon. dis..... 7 july 17 cap. sq. C, cav..... 5 sep. 17 accepted..... 10 sep. 17 n. g. r..... 18 mar. 19 | |
| Dewey, Seth B., 5 sep. 17 full and hon. dis., 13 june 19 | adjt. sq. C. | Mexican boarder ser- vice..... 19 june 16 to 18 mar. 17 | pvt. sq. C..... 26 apr. 09 full and hon. dis..... 5 mar. 15 re-enlisted..... 20 mar. 16 corp..... 17 feb. 13 sgt..... 17 may 15 qm. sgt..... 27 mar. 16 sup. sgt..... 19 june 16 1 sgt..... 1 may 17 hon. dis..... 29 june 16 cap. sq. C, cav..... 5 sep. 17 accepted..... 10 sep. 17 to 1 cav..... 22 may 19 | N. Y. 28 feb. 83 |
| Ludwig, Frederick W., 5 sep. 17 | L | | pvt. 2 cav..... 17 may 12 promoted and war- ranted qm. sgt..... 30 nov. 14 full and hon. dis..... 17 may 15 re-enlisted..... 17 may 15 qm. sgt., depot sq..... 21 june 17 cap..... 5 sep. 17 accepted..... 10 sep. 17 to 1 cav..... 22 may 19 | N. Y. 11 july 86 |

CAVALRY—FIRST REGIMENT—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Hart, Augustin Snow, 23 nov. 17 Distinguished Graduate, Garrison Schools, 1915. | E | mustered into u. s. ser. 17 nov. 16 resigned. 11 dec. 16 | pvt., corp., sgt., tr. 5, sq. C. 16 apr. 06 to 20 mar. 12 2 lt. 2 cav. 20 mar. 12 assigned 1 cav. 10 dec. 13 1 lt. 2 dec. 15 resigned. 11 dec. 16 cap. sq. C. 23 nov. 17 accepted. 3 dec. 17 N. G. R. 14 mar. 19 to 1 cav. 22 may 19 | N. Y. 19 may 79 |
| Miller, John, 23 nov. 17 full and hon. dis., 29 may 19 | F | ..... | pvt. 2 cav. 23 apr. 12 1 sgt. tr. F, 1 cav. 24 feb. 13 full and hon. dis. 10 may 15 cap. depot bat. cav. 8 aug. 16 cap. sq. C. 23 nov. 17 accepted. 3 dec. 17 to 1 cav. 22 may 19 | N. Y. 8 june 78 |
| Van Noughuys, Frank M., 11 dec. 17 hon. dis. 2 oct. 19 | B | ..... | pvt. tr. B, 1 cav. 15 oct. 06 to 1 feb. 09 hon. dis. 21 june 17 1 lt. depot bat. 25 june 17 cap. sq. D, cav. 11 dec. 17 accepted. 11 dec. 17 1 prov. regt. 7 aug. 17 relieved. 31 may 18 | N. Y. 12 apr. 85 |
| Allen, Atkinson, 17 dec. 17 reserve list. 1 july 19 | H | ..... | pvt. 29 apr. 12 full and hon. dis. 3 may 15 pvt. 13 apr. 16 2 lt. sq. B. 3 nov. 17 cap. 17 dec. 17 accepted. 19 dec. 17 to 1 cav. 22 may 19 | N. Y. 10 nov. 86 |
| Backhouse, George G., 15 mar. 18 | C | mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 3 apr. 17 resigned. 10 may 17 | pvt. sq. C. 24 apr. 05 corp. 4 apr. 10 sgt. 22 apr. 12 2 lt. 1 cav. 1 july 14 1 lt. 24 apr. 15 cap. 9 feb. 16 resigned. 10 may 17 cap. sq. C, cav., N. Y. G. 15 mar. 18 accepted. 18 mar. 18 to 1 cav. 22 may 19 N. G. R. 2 june 19 cap. 1 cav., N. Y., N. G. 30 june 19 accepted. 24 july 19 | N. Y. 21 july 80 |
| Lindsay, Roy Warriner, 11 june 18 hon. dis. 21 feb. 19 | K | ..... | enl. tr. K, 1 cav., N. Y. G. 25 sep. 17 1 sgt. 9 oct. 17 2 lt. sqd. C, cav. 20 oct. 17 1 lt. 12 mar. 18 cap. 11 june 18 accepted. 14 june 18 | N. Y. 21 feb. 77 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Soule, Oscar Frank, 14 oct. 18 reserve list.... 18 june 19 | D | ..... | pvt. 1 cav., h. c. de- tachment..... 4 mar. 12 hon. dis..... 2 nov. 14 2 lt. sq. B..... 17 dec. 17 1 lt. 11 june 18 cap. 14 oct. 18 accepted..... 23 oct. 18 to 1 cav..... 22 may 19 | N. Y. 17 mar. 90 |
| Urban, William P., 16 dec. 18 | m. g. tr. | mustered into u. s. ser..... 30 june 16 out 15 mar. 17 2 lt. 324 inf. 15 aug. 17 1 lt. 110 inf. 8 feb. 18 cap. 16 dec. 18 hon. dis. 13 mar. 19 | pvt., corp., sgt., tr. I, 1 cav..... 6 mar. 15 to 13 may 17 cap. 1 cav..... 5 nov. 19 accepted..... 12 nov. 19 | N. Y. 29 dec. 88 |
| Jacobsen, Edward Hast- ings, 20 june 19 | F | ..... | pvt. tr. F, 1 cav., N. G. N. Y..... 25 nov. 12 corp..... 9 feb. 14 f. and h. dis..... 6 dec. 15 pvt. tr. F, sq. C, cav., N. Y. G..... 19 nov. 17 sgt..... 23 jan. 18 1 lt..... 12 mar. 18 to 1 cav..... 22 may 19 cap. 1 cav., N. Y. G. 20 june 19 cap. 1 cav., N. Y. N. G., 23 june 19 accepted..... 5 aug. 19 | Pa. 20 oct. 85 |
| Armstrong, Donald, 13 aug. 19 | D | mustered into u. s. ser..... 2 july 16 out 16 mar. 17 into 1 apr. 17 2 lt. co. B, 104 m. g. btn..... 9 may 18 hon. dis. 20 mar. 19 | pvt., corp., sgt., tr. D, 1 cav..... 4 nov. 09 to 22 may 16 dft..... 5 aug. 17 cap. 1 cav..... 13 aug. 19 accepted..... 14 aug. 19 | N. Y. 1 nov. 91 |
| Townson, Kenneth C., 3 sep. 19 | H | tr. E, 310 cav., 20 may 18 hon. dis. as 1 sgt., 14 oct. 18 | pvt. d. u. 1 cav..... 15 june 16 sgt. tr. H, sq. B..... 2 feb. 18 hon. dis..... 21 may 18 pvt. tr. H, sq. B..... 14 jan. 19 1 sgt..... 17 jan. 19 1 lt. 1 cav..... 18 june 19 cap. N. Y. G..... 3 sep. 19 cap. N. Y. N. G..... 24 nov. 19 accepted..... 24 nov. 19 | N. Y. 8 july 89 |
| Burrows, Lorenzo, III, 5 nov. 19 | I | mustered into u. s. ser..... 1 july 16 out 13 mar. 17 | pvt. tr. I, 1 N. Y. cav. 6 mar. 15 corp..... 21 june 16 pvt. tr. B..... 16 june 17 hon. dis..... 21 sep. 17 1 lt. sq. B..... 16 oct. 17 accepted..... 23 oct. 17 to 1 cav..... 22 may 19 cap. 1 cav. N. Y. G. 5 nov. 19 cap. 1 cav. N. Y. N. G., 19 dec. 19 accepted..... 6 jan. 20 | Mich. 19 feb. 93 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Taylor, Harry G., 19 nov. 19 | B | co. A, 2 N. Y. V., 6 may 98 to 25 oct. 98 mustered into u. s. ser. 30 june 16 out 16 mar. 17 into 31 mar. 17 hon. dis. 14 aug. 17 cap. cav. 78 div., 29 aug. 17 303 m. t. and p., 1 oct. 17 maj., inf. 31 dec. 17 command m. p. 78 div., hon. dis., 26 may 19 | pvt. 6 sep. co. 11 apr. 94 corp. 7 july 98 f. and h. dis. 3 aug. 00 pvt. 3 sig. corps. 6 aug. 00 hon. dis. 15 jan. 02 pvt. tr. B, cav. 15 jan. 02 hon. dis. 16 oct. 06 pvt. tr. D, cav. 16 oct. 06 dropped. 27 sep. 07 taken up, tr. B. 15 july 10 f. and h. dis. 22 oct. 13 re-enlisted. 22 oct. 13 corp. 11 mar. 14 f. and h. dis. 21 oct. 15 re-enlisted and war- rant contd., sgt. 19 july 16 dft. 5 aug. 17 cap. 1 cav. 19 nov. 19 accepted. 24 nov. 19 | N. Y. 15 jan. 77 |
| Strecker, Arthur T., 4 dec. 19 | adjt. | mustered into u. s. ser. 6 july 16 out 5 mar. 17 into 3 apr. 17 2 lt. inf., 35 div., hon. dis. 28 apr. 19 | pvt. tr. C, 1 cav. 13 mar. 16 dft. 5 aug. 17 1 lt., 1 cav. 20 june 19 cap. 4 dec. 19 accepted. 15 dec. 19 | N. Y. 10 june 94 |
| First Lieutenants | | | | |
| Gilbert, Albert C., 14 sep. 17 | G | | pvt. tr. G, 2 cav. 21 june 12 dropped (removal) 10 apr. 16 1 lt. sq. D, cav. 14 sep. 17 accepted. 24 sep. 17 | |
| Speares, Herbert W., 3 nov. 17 reserve list. 13 june 19 | adjt. sq. B, | | pvt. 101 sep. co. 8 july 98 full and hon. dis. 17 apr. 05 pvt. co. H, 3 inf. 24 sep. 06 hon. dis. 27 feb. 08 pvt. depot unit, tr. H, 1 cav. 10 july 16 regt. sgt. maj., 1 prov. regt. N. G. N. Y. 11 aug. 17 sgt. tr. H, sq. B, to 2 sep. 17 1 lt. sq. B, cav. 8 nov. 17 accepted. 7 nov. 17 assigned to 1 cav. 22 may 19 | N. Y. 26 mar. 77 |
| Evers, Frank William, 8 nov. 17 hon. dis. 4 dec. 19 | M | Mexican bord. ser., 25 sep. 16 to 15 mar. 17 | pvt. tr. M, 1 cav. 25 sep. 16 hon. dis. 29 june 17 1 lt. sq. B, cav. 8 nov. 17 accepted. 15 nov. 17 | N. Y. 4 july 92 |
| Van Valkenburgh, John B., 11 dec. 17 | adjt. sq. D | | pvt. 3 sig. corps. 31 may 97 pvt. tr. B, 1 cav. 15 jan. 02 corp. 18 nov. 02 sgt. 22 feb. 04 1 sgt. 28 feb. 00 dis. 18 june 16 1 lt. sq. D, cav. 11 dec. 17 accepted. 13 dec. 17 assigned to 1 cav. 22 may 19 | N. Y. 25 feb. 77 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Cont'd</i> | | | | |
| Phillips, Edward C., 11 dec. 17 | A | | pvt. tr. 5, sq. C. 20 mar. 10 full and hon. dis. 8 mar. 15 re-enlisted. 15 mar. 15 dis. 13 mar. 16 re-enl. tr. A, 1 cav. 15 mar. 16 to d. u., 1 cav. 28 June 16 2 lt. sq. C. 5 sep. 17 1 lt. 11 dec. 17 accepted. 13 dec. 17 assigned to 1 cav. 22 May 19 | N. Y. 3 May 88 |
| Anstee, Mortimer R., 17 dec. 17 reserve list. 13 June 19 | H | | pvt. depot unit, tr. H, cav. 13 June 16 1 lt. sq. B, cav. 17 dec. 17 accepted. 19 dec. 17 assigned to 1 cav. 22 May 19 | N. Y. 4 June 86 |
| Young, Walter E., 31 dec. 17 | sup. tr. | mustered into u. s. ser. 30 June 16 out 15 Mar. 17 2 lt. cav. 15 Aug. 17 1 lt. 31 Dec. 17 hon. dis. 10 May 19 | pvt. tr. 6, sq. C. 28 Dec. 08 to tr. B, 2 cav. 11 Mar. 12 to tr. K, 1 cav. 10 Dec. 13 corp. 9 Feb. 14 f. and h. dis. 5 Mar. 15 re-enl. and warrant cont. sgt. 7 Feb. 16 f. and h. dis. 13 Mar. 16 re-enl. and warrant cont. f. and h. dis. (O.T.C.) 6 June 17 1 lt. 1 cav. 19 Nov. 19 accepted. 20 Nov. 19 | N. Y. 18 June 88 |
| Macomber, Francis S., 5 Feb. 18 f. and h. dis. 23 Aug. 19 | i. s. a. p. sq. B | | 1 sep. co. 19 May 90 corp. 18 July 91 full and hon. dis. 18 June 95 1 lt. sq. B, cav., N. Y. G., 5 Feb. 18 accepted. 2 Feb. 18 assigned to 1 cav. 22 May 19 | N. Y. 29 Sep. 67 |
| Haviland, Frost, 27 Mar. 18 f. and h. dis. 4 Oct. 19 | C | mustered into u. s. ser. 30 June 16 out 14 Nov. 16 | pvt. tr. 7, sq. C, N. Y. N. G. 1 Nov. 09 dropped. 11 Nov. 12 taken up, tr. C, 1 cav. 7 July 13 corp. 11 Jan. 15 sgt. 17 May 15 f. and h. dis. 28 June 15 re-enlisted. 28 June 15 1 sgt. 14 Nov. 16 dis. 27 Mar. 18 1 lt. sq. C, N. Y. G. 1 Apr. 18 accepted. 22 May 19 to 1 cav. 30 June 19 1 lt. 1 cav., N. Y. N. G., accepted. 24 July 19 | 12 Feb. 88 |
| Lockwood, Brockholst Carroll, 11 June 18 | tr. E | | pvt. co. A, 7 regt., N. G. N. Y. 27 June 98 dropped. 22 Mar. 04 1 lt. sq. C, N. Y. G. 11 June 18 accepted. 14 June 18 assigned to 1 cav. 22 May 19 | N. Y. 6 Dec. 78 |
| Simpson, Robert L., 18 July 18 hon. dis. 20 Mar. 19 | K | | pvt. tr. K, sq. C, N. Y. G. 25 Sep. 17 1 sgt. 9 Oct. 17 2 lt. sq. C, N. Y. G. 9 Apr. 18 1 lt. 18 July 18 accepted. 27 July 18 | N. Y. 16 Feb. 85 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Cont'd</i> | | | | |
| Shivell, William Taylor, 19 July 18 | L | ..... | pvt. 3 batty., N. G. N. Y. 17 oct. 04 corp. 4 dec. 05 sgt. 17 may 07 f. and h. dis. 19 apr. 10 re-enlisted tr. 8, sq. C, N. G. N. Y. 23 may 10 tra. to tr. K, 1 cav. 18 jan. 12 tra. to tr. D, 2 cav. 11 mar. 12 f. and h. dis. 26 may 13 re-enlisted tr. C, sq. C, N. Y. G. 7 aug. 17 1 sgt. 5 nov. 17 2 lt. sq. C, N. Y. G. 19 July 18 assigned to 1 cav. 22 may 19 1 lt. 1 cav. 15 Jan. 19 accepted. 20 Jan. 19 | Ohio 23 aug. 82 |
| Armstrong, Howard P., 21 aug. 18 f. and h. dis. 30 aug. 19 | i. a. a. p. | ..... | pvt. tr. C, N. G. N. Y. 14 dec. 95 f. and h. dis. 22 apr. 01 1 lt. sq. C, N. Y. G. 21 aug. 18 accepted. 23 aug. 18 assigned to 1 cav. 22 may 19 | N. Y. 23 oct. 75 |
| Barrows, William G., 30 aug. 18 hon. dis. 19 nov. 19 | D | ..... | 1 lt. 3 inf., N. Y. G. 30 aug. 18 1 lt. sq. B, N. Y. G. 13 dec. 18 accepted. 18 dec. 18 assigned to 1 cav. 22 may 19 | Vt. 6 mar. 86 |
| Wolcott, Thomas V., Jr., 16 sep. 18 | B | ..... | pvt. 3 sig. corps. 2 mar. 01 hon. dis. 15 Jan. 02 pvt. tr. B, cav. 15 Jan. 02 corp. 8 mar. 06 f. and h. dis. 4 may 07 1 lt. sq. D, cav. 16 sep. 18 accepted. 20 sep. 18 to 1 cav. 22 may 19 | N. Y. 28 June 80 |
| Denny, George M., 23 sep. 18 | I | mustered into u. s. ser. 1 July 16 out 13 mar. 17 2 lt. inf. 27 nov. 17 to 302 cav. 6 feb. 18 1 lt. 23 sep. 18 to 8 cav. 6 nov. 18 hon. dis. 19 dec. 18 | pvt. tr. I, 1 cav. 25 oct. 15 dropped. 12 June 16 taken up. 30 June 16 hon. dis. 21 apr. 17 1 lt. 1 cav. N. Y. G. 5 nov. 19 1 lt. 1 cav. N. Y. N. G. 19 dec. 19 accepted. 12 Jan. 20 | N. Y. 23 mar. 95 |
| Young, Russell Morgan, 19 May 19 | K | ..... | pvt. tr. K, sq. C, N. Y. G. 19 oct. 17 sgt. 19 oct. 17 1 sgt. may 18 2 lt. sq. C. 28 aug. 18 1 lt. 1 cav. 19 may 19 accepted. 21 may 19 | Conn. 3 sep. 75 |
| Raynaud, Henry, 28 June 19 | F | mustered into u. s. ser. 28 June 16 out 24 dec. 16 into 20 July 17 to 102 t. m. batty., 17 Oct. 17 hon. dis. 7 Nov. 17 2 lt. A. S., S. R. C., 8 Nov. 17 to air serv. 20 July 18 hon. dis. 5 June 19 | pvt. tr. F, 1 cav. 23 Apr. 12 dropped. 11 Feb. 13 taken up. 23 Mar. 14 dropped. 3 May 15 taken up. 22 Nov. 15 corp. 31 Jan. 16 n. g. r. 24 Dec. 16 rept. for duty. 15 June 17 dft. 5 Aug. 17 pvt. tr. F, 1 cav. 20 June 19 1 lt. 1 cav., N. Y. N. G., 28 June 19 accepted. 4 Aug. 19 | N. Y. 8 June 85 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Con- tinued</i> | | | | |
| Stillman, Hugh D., 5 nov. 19 | m. g. tr. | 2 cav. 1 O. T. C., 15 aug. 17 to hdqrs. tr., 1 nov. 17 to 105 m. g. btn., 10 june 18 hon. dis. . . 27 feb. 19 | 1 lt. 1 cav. 5 nov. 19 accepted. 15 nov. 19 | Fla. 25 aug. 96 |
| Barrett, Julian., B 26 dec. 19 | D | mustered into u. s. ser. 30 june 16 out 16 mar. 17 into 1 apr. 17 to 104 m. g. bat., — oct. 17 2 lt. cav. 29 div., 1 oct. 18 hon. dis. . . 31 may 19 | s. pvt. tr. D, 1 cav. . . 23 dec. 15 dft. 5 aug. 17 1 lt. 1 cav. 26 dec. 19 accepted. 29 dec. 19 | Md. 23 dec. 94 |
| Blehdon, Gilbert R., 26 dec. 19 | sq. adj. | mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 21 july 17 2 lt. f. a. . . 15 aug. 17 with 308 and 5 f. a.; 1 lt. f. a. oct. 18; with 48 f. a. hon. dis. . . 5 dec. 18 | pvt. tr. I, 1 cav. . . . 28 feb. 16 dft. 5 aug. 17 1 lt. 1 cav. 26 dec. 19 accepted. 9 jan. 20 | N. Y. 25 oct. 93 |
| <i>Second Lieutenants</i> | | | | |
| Servatius, Clifford P., 14 sep. 17 f. and h. dis. . . 7 feb. 19 | G | ..... | pvt. tr. G, 1 cav. . . . 1 nov. 12 cap. 13 dec. 15 full and hon. dis. . . . 20 mar. 16 re-enlisted. 7 june 16 sup. sgt. — dis. 6 july 17 2 lt. 14 sep. 17 accepted 25 sep. 17 1 prov. rgt. — sep. 17 relieved 7 feb. 19 | ..... |
| Downer, Huntington, 16 oct. 17 f. and h. dis. . . 24 oct. 19 | I | ..... | pvt. tr. I, cav. 7 may 12 hon. dis. as sgt. 15 dec. 15 re-enlisted 15 dec. 15 full and hon. dis. . . . 24 oct. 17 2 lt. tr. I, sq. B. 16 oct. 17 accepted 20 oct. 17 assigned to 1 cav. . . . 22 may 19 | N. Y. 22 aug. 87 |
| Rennie, Chas. Wm. 12 mar. 18 hon. dis. 13 june 19 | F | mustered in u. s. serv. 30 june 16 dis. 16 june 17 n. g. r. 11 sep. 16 dis. 16 june 17 | pvt. tr. F, 1 cav., N. G. N. Y. 6 july 13 furloughed, N. G. res. 11 sep. 16 pvt. tr. F, sq. C, N. Y. G. 19 nov. 17 sgt. 28 jan. 17 2 lt. sq. C. 12 mar. 18 accepted 15 mar. 18 assigned to 1 cav. . . . 22 may 19 | Scot. 13 aug. 86 |
| Herrmann, Lionel H. 19 july 18 | B | mustered in u. s. serv. 30 june 16 out 20 mar. 17 into 3 apr. 17 hon. dis. — | pvt. batty. C, 2 f. a., N. G. N. Y. 11 oct. 15 tra. tr. C, 1 cav. N. G. N. Y. 4 may 16 hon. dis. 23 apr. 17 2 lt. sq. C, cav. 19 june 18 assigned to 1 cav. . . . 22 may 19 2 lt. 1 cav. N. G. N. Y. 30 june 19 accepted 29 july 19 | N. Y. 20 aug. 89 |

CAVALRY — FIRST REGIMENT — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Continued</i> | | | | |
| De Bevoise, Jas. Gilbert 2 aug. 18 | E | ..... | pvt. 12 co. 9 c. a. c. N. Y. G. 8 oct. 17 tra. tr. E, sq. C. N. Y. G. 22 nov. 17 2 lt. sq. C, N. Y. G. 2 aug. 18 accepted 8 aug. 18 assigned to 1 cav. 22 may 19 | N. Y. 2 feb. 79 |
| McNulty, Howard C. 14 aug. 18 | sup. co | ..... | pvt. tr. C, N. G. N. Y. 22 nov. 02 full and hon. dis. 1 june 09 re-enl. tr. A, 1 cav. N. G. N. Y. 8 june 15 dropped for removal. — dec. 15 re-enl. tr. C, sq. C. N. Y. G. 21 aug. 17 sup. sgt. 17 dec. 17 2 lt. sq. C, N. Y. G. 14 aug. 18 accepted 26 aug. 18 assigned to 1 cav. 22 may 19 | N. Y. 4 mar. 85 |
| Huber, Wm. B. 28 oct. 18 | D | ..... | pvt. tr. D, sq. D. cav. N. Y. G. 18 dec. 17 agt. 22 mar. 18 2 lt. sq. B, cav. N. Y. G. 28 oct. 18 accepted 5 nov. 18 | N. Y. 6 feb. 91 |
| Fischer, Herbert G. M. 29 oct. 18 | M. g. tr | mustered into u. s. serv. 21 july 17 to co. B. 106 m. g. bat. 9 oct. 17 mech. dec. 17 agt. apr. 18 2 lt. 107 inf. 29 oct. 18 hon. dis. 2 apr. 19 | pvt. tr. I, 1 cav. 21 july 17 dft. 5 aug. 17 2 lt. 1 cav. 5 nov. 19 accepted 11 nov. 19 | N. Y. 14 sep. 94 |
| Belknap, Leslie H. 20 nov. 18 | B | ..... | assigned to 1 cav. 22 may 19 pvt. tr. B, 1 cav. N. G. N. Y. 23 jan. 11 f. and h. dis. 2 july 14 re-enl. 2 july 14 f. and h. dis. 15 june 15 re-enl. 21 june 16 f. and h. dis. 18 may 17 2 lt. sq. D, cav. N. Y. G. 20 nov. 18 accepted 25 nov. 18 assigned to 1 cav. 22 may 19 | Conn. june 92 |
| Brown, James C., 4 Dec. 18 | A | mustered into u. s. ser. 30 June 16 out 1 sept. 16 | pvt. co. D, 23 regt. N. G. N. Y. 17 nov. 05 corp. 5 dec. 10 f. and h. dis. 2 jan. 12 pvt. troop M, 2 cav. N. G. N. Y. 21 feb. 12 re-designated tr. E. 11 mar. 12 corp. 1 dec. 13 f. and h. dis. 8 mar. 15 re-enl. 8 mar. 15 agt. 6 mar. 16 discharged. 1 sep. 16 pvt. troop A, 1 cav. N. Y. G. 7 aug. 17 1 agt. 5 nov. 17 2 lt. sq. C, N. Y. G. 4 dec. 18 Accepted 9 dec. 18 Assigned to 1 cav. 22 may 99 | N. Y. 17 aug. 88 |

CAVALRY—FIRST REGIMENT—(Concluded)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Wolcott, Edgar C., 20 dec. 18 reserve list.... 13 june 19 | | | pvt., depot unit, tr. H, 1 cav., N. G. N. Y. 13 june 16 f. and h. dis. 13 june 18 pvt., tr. H, sq. B, N. Y. G. 13 june 18 1 sgt. 2 lt. sq. B, N. Y. G. 20 Dec. 18 Accepted 23 dec. 18 Assigned to 1 cav. 22 may 19 | N. Y. 18 oct. 86 |
| Baker, Stalham S., 3 sep. 19 | H | pvt., tr. E, 310 cav. 8 june 18 f. a. o. t. a. 24 oct. 18 27 tr. batty. hon. dis. 29 nov. 18 | pvt., tr. H, 1 cav. 16 jan. 16 to d. u. 1 cav. 24 june 16 hon. dis. 1 june 18 pvt., tr. H, 1 cav. 16 apt. 19 sgt. 2 lt. 1 cav. 3 sep. 19 2 lt. 1 cav., N. Y. N. G. 24 nov. 19 accepted 24 nov. 19 | N. Y. 11 aug. 87 |
| Gogoll, Thornton H., 8 oct. 19 | F | | pvt. 4, co. 13, c. a. c. 21 mar. 11 1 el. gunner. to tr. F, 1 cav. 8 apr. 13 hon. dis. 23 mar. 15 pvt., tr. F, sq. C. 19 nov. 17 1 sgt. 25 feb. 18 hon. dis. 28 june 19 pvt., tr. F, 1 cav., N. Y. N. G. 28 june 19 warrant continued. 2 lt. 1 cav., N. Y. N. G. 8 oct. 19 accepted 15 oct. 19 | Ky. 18 nov. 90 |
| Swenson, Clarence E., 5 nov. 19 | sup. tr. | mustered into u. s. ser. 20 june 16 out 13 mar. 17 | pvt. tr. I, 1 cav. 28 feb. 16 hon. dis. 16 june 17 pvt. tr. I, 1 cav. 31 july 17 sgt. 29 june 18 2 lt. 1 cav. 5 nov. 19 accepted 14 nov. 19 | Minn. 29 oct. 87 |
| Hebard, Henry D., 5 nov. 19 | I | | pt. tr. I, 1 cav. 23 oct. 17 corp. 29 june 18 2 lt. 1 cav., N. Y. G. 5 nov. 19 accepted 12 nov. 19 pvt. tr. I, 1 cav., N. Y. N. G. 12 dec. 19 hon. dis. 19 dec. 19 2 lt. 1 cav., N. Y. N. G. 19 dec. 19 accepted 19 dec. 19 | N. Y. 12 aug. 92 |

SQUADRON A, N. Y. G.

Headquarters, 1339-1349 Madison Ave, New York City

Troop A, Squadron A, N. G., N. Y., was mustered into the State service as a Depot Troop on March 14, 1916. On July 10, 1916, the formation of a Depot Squadron was authorized, which was mustered into the New York Guard and designated Squadron "A," N. Y. G., on following dates: Troop A, December 17, 1917; Troop B, December 18, 1917; Troop C, April 18, 1918; Troop D, January 21, 1919.

A large percentage of the men of this squadron have received commissions in the United States Army or other Federal Government appointments.

Attached to Division, June 30, 1919.

The squadron has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Spanish-American War, 1898; Porto Rico, 1898; Coamo, 1898; Asomanta, 1898. Mexican Border, 1916. World War 1917;

On the State Color.—Buffalo, August, 1892; Brooklyn, January, 1895; Croton Dam, April, 1900.

SQUADRON A CAVALRY

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the New York Guard | |
| <i>Majors</i> | | | | |
| Wendt, Alfred, 21 may 18 reserved list... 6 june 19 | | | pvt. corp., sgt., 1 sgt., tr. I, sq. A... 11 apr. 95 tp 2 mar. 06 1 lt. (1), sq. A... 2 mar. 06 tra. 1 cav. 28 dec. 11 cap. I cav. 11 june 13 supn. and assigned to duty... 10 dec. 13 r. l., school of equip- tation... 19 may 14 aide, staff c. g., div. 30 apr. 15 cap. sq. A, cav. 5 june 16 detailed as cap. aide, div. N. G. 12 june 16 1 lt. 1 cav. 28 june 16 cap. sq. A, cav. 18 oct. 17 maj. 21 may 18 accepted. 23 may 18 | N. Y. 25 may 68 |
| Egleston Nathaniel Hil- lyer, 9 nov. 18 | | mustered into u. s. ser. 30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 M. G. bat. 2 cap. 21 feb. 18 maj. 9 nov. 18 hon. dis. ... 2 apr. 19 | pvt. tr. 1, sq. A, trans. tr. 4, corp., sgr., 1 sgt. 18 feb. 07 to 11 mar. 15 2 lt. 11 mar. 15 1 lt. 7 july 15 accepted. 8 july 15 dft. 5 aug. 17 r. l. 21 june 19 maj. sq. A. 30 june 19 accepted. 7 july 19 | N. J. 13 feb. 84 |
| <i>Captains</i> | | | | |
| Cole, Melton Douglas, 12 jan. 18 f. and h. dis. ... 11 aug. 19 | A | mustered into u. s. ser. 30 june 16 out 28 dec. 16 | pvt. tr. 4, sq. A, cav. 28 jan. 10 corp. 5 dec. 11 sgt. 4 feb. 15 f. and h. dis. 29 jan. 15 re-enl. tr. D, sq. A. 30 june 15 2 lt. 3 nov. 15 h. dis. 9 feb. 17 cap. sq. A, cav., N. Y. G. 12 jan. 18 accepted. 15 jan. 18 | W. Va. 6 june 82 |

SQUADRON A CAVALRY—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Bates, Thos. Towar, 21 may 18 f. and h. dis...13 may 19 | | | pvt. sq. A, cav., N. Y. N. G.....11 apr. 95 trumpeter.....9 jan. 96 corp.....31 oct. 99 sgt.....27 may 01 1 sgt.....19 apr. 04 f. and h. dis.....16 sep. 05 1 lt. sq. A, cav., N. Y. G.....— cap.....21 may 18 accepted.....22 may 18 | 10 feb. 74 |
| Hall, James Willet, 28 dec. 18 | B | | pvt. tr. I, sq. A.....19 july 98 artificer.....—01 dis.....24 sep. 03 re-enlisted.....10 may 07 sgt.....15 may 07 dis.....10 june 98 re-enlisted depot tr. sq. A, as sgt.....— 1 lt. depot sq. A, cav.....7 july 16 1 lt. sq. A, cav.....20 nov. 17 cap.....28 dec. 18 accepted.....31 dec. 18 | N. Y. 24 jan. 74 |
| Belknap, Waldron Phoenix, 3 feb. 19 | | | pvt. tr. I, sq. A.....11 apr. 95 f. and h. dis.....10 apr. 00 pvt. depot sq. A.....14 nov. 16 sq. A, N. Y. G.....17 dec. 17 sgt.....24 sep. 17 2 lt., sq. A, N. Y. G. 8 apr. 18 cap., sq. A, cav., N. Y. G.....3 feb. 19 accepted.....5 feb. 19 | N. Y. 8 feb. 73 |
| Reynolds, John, 19 feb. 19 | D | mustered into u. s. ser.....30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 m. g. bat. 4 mar. 18 cap.....28 feb. 19 hon. dis....2 apr. 19 | pvt. tr. D, sq. A.....6 oct. 15 corp.....1 july 16 sgt.....11 sep. 16 2 lt. sq. A.....9 apr. 17 accepted.....10 apr. 17 dft.....5 aug. 17 r. l.....14 may 19 cap. sq. A.....23 may 19 accepted.....24 may 19 | N. Y. 9 oct. 83 |
| Matthews, George, Jr., 19 aug. 19 | A | mustered into u. s. ser.....30 june 16 out 28 dec. 16 into 22 july 17 2 lt. 105 m. g. btn. 29 dec. 17 1 lt.....19 feb. 19 hon. dis....2 apr. 19 | pvt. tr. 3, sq. A.....7 apr. 10 corp.....5 nov. 14 sgt.....20 jan. 16 f. and h. dis.....5 july 16 re-enl. and warrant contd. dft.....5 aug. 17 r. l.....11 aug. 19 cap. sq. A.....19 aug. 19 accepted.....28 aug. 19 | N. Y. 22 june 88 |

SQUADRON A CAVALRY — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|---|--|------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Maynard, Gurdon | | | pvt. co K, 7 inf. 25 jan. 93 | N. Y. |
| Moore, 12 jan. 18 | | | dropped. 22 may 94 | 8 oct. 71 |
| hon. dis. 30 dec. 18 | | | taken up. 1 oct. 94 | |
| | | | dropped. 18 june 97 | |
| | | | taken up. 6 oct. 97 | |
| | | | hon. dis. 6 dec. 98 | |
| | | | pvt. tr. 2, sq. A. 12 dec. 99 | |
| | | | tra. tr. 1. 16 jan. 00 | |
| | | | dropped. 13 oct. 00 | |
| | | | taken up. 24 nov. 03 | |
| | | | artil. 27 mar. 05 | |
| | | | corp. 30 mar. 06 | |
| | | | ret. to ranks and tra. to tr. 4. 10 may 07 | |
| | | | sgt. 10 may 07 | |
| | | | 2 lt., sq. A. 8 apr. 10 | |
| | | | with rank from. 5 apr. 10 | |
| | | | hon. dis. 19 jan. 11 | |
| | | | 1 lt. sq. A. cav. N. Y. Y. G. 12 jan. 18 | |
| | | | accepted. 15 jan. 18 | |
| Frederick, Karl T., 5 june 18 | is.a.p. | | pvt. tr. A. 5 dec. 12 | N. Y. |
| | | | f. and h. dis. 4 dec. 15 | 2 feb. 81 |
| | | | pvt. tr. B, sq. A. A. C14 mar. 10 | |
| | | | ret. tr. B, sq. A. 18 dec. 17 | |
| | | | 1 lt. 5 june 18 | |
| | | | accepted. 10 june 18 | |
| Drexel, Anthony J., Jr., 12 sep. 18 | adj. | mustered into u. s. ser. 22 july 17 | pvt. tr. D, sq. A. 14 may 17 | Pa. |
| | | pvt. 9 c. a. c., 2 lt. dft. 5 aug. 17 | sgt. 7 july 17 | 19 oct. 87 |
| | | o. d. 15 feb. 18 | r. i. 26 nov. 19 | |
| | | 1 lt. 12 sep. 18 | 1 lt., sq. A. 22 nov. 19 | |
| | | hon. dis. 30 jan. 19 | accepted. 6 dec. 19 | |
| Bodman, George M., 3 feb. 19 | D | | pvt. tr. 4, sq. A. 26 apr. 07 | |
| full and hon. dis., 16 nov. 19 | | | to tr. G, 1 cav. 18 jan. 12 | Ohio |
| | | | full and hon. dis. 22 aug. 12 | 8 june 82 |
| | | | pvt. sq. A. 14 mar. 16 | |
| | | | hon. dis. 7 dec. 17 | |
| | | | pvt. tr. A, sq. A. 14 mar. 18 | |
| | | | corp. 22 apr. 18 | |
| | | | 1 lt. sq. A. 3 feb. 19 | |
| | | | accepted. 6 feb. 19 | |
| Warfield, Frederic P., 11 feb. 19 | A | | pvt. tr. 1, sq. A. 22 mar. 07 | N. Y. |
| | | | dropped. 30 dec. 09 | 24 jan. 76 |
| | | | pvt. tr. A, sq. A. 21 may 17 | |
| | | | 1 sgt. 22 apr. 18 | |
| | | | 1 lt. sq. A. 11 feb. 19 | |
| | | | accepted. 14 feb. 19 | |
| Cooke, Carleton S., 22 oct. 19 | C | mustered into u. s. ser. 30 jun. 16 | pvt. tr. D, sq. A. 4 mar. 10 | N. Y. |
| | | out 28 dec. 16 | trump. 10 oct. 10 | 19 sep. 77 |
| | | cap. cav. 8 may 17 | corp. 5 feb. 15 | |
| | | with 78 div., 2 and 3 A, hdqrs. 9 jun. 15 | full and hon. dis. 9 jun. 15 | |
| | | hon. dis. 25 ju. 19 | reinlisted and warrant continued | |
| | | | hon. dis. 8 may 17 | |
| | | | 1 lt. sq. A. 22 oct. 19 | |
| | | | accepted. 24 oct. 19 | |

SQUADRON A CAVALRY — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Fargo, James C., 30 oct. 19 | B | mustered into u. s. ser. 30 jun. 18 out 28 dec. 16 cap. 302 m. p., 1 s. c. to 251 co. m. p., 28 apr. 17 hon. dis. 28 jun. 19 | pvt. tr. 3, sq. A. 28 apr. 09 to tr. F, 1 cav. 28 dec. 11 to tr. C, sq. A. 10 dec. 13 farrier 5 mar. 14 corp. 9 feb. 15 full and hon. dis. 27 apr. 15 reinlisted and warrant continued sgt. 8 feb. 16 full and hon. dis. 27 apr. 16 reinlisted and warrant continued hon. dis. 2 may 17 r. l. 6 sep. 19 1 lt. sq. A. 30 oct. 19 accepted 3 nov. 19 | N. Y. 23 may 88 |
| <i>Second Lieutenants</i> | | | | |
| Brown, Lewis Howland, 20 nov. 17 | sup. co. | ..... | pvt., artif., tr. 3, sq. A, trs. tr. 4, qm. sgt. 24 oct. 02 to 7 feb. 12 2 lt. 1 cav. 7 feb. 12 accepted 9 feb. 12 assigned, 1 sq. 5 nov. 13 assigned, sq. A. 5 mar. 14 f. h. disc. 30 nov. 15 2 lt. d. b. 7 july 16 2 lt. sq. A. 20 nov. 17 accepted 26 nov. 17 | N. Y. 13 apr. 80 |
| Jenney, Isaac Hallam, 27 mar. 18 full and hon. dis., 24 jan. 19 | A | ..... | Sq. A, N. G. N. Y. 18 mar. 95 dis. 10 apr. 00 depot bat., sq. A, N. G. N. Y. 14 mar. 16 2 lt. sq. A, cav., N. Y. G. 27 mar. 18 accepted 30 mar. 18 | Colom. 19 aug. 71 |
| Grimwood, Victor Red- mond, 25 oct. 18 hon. dis. 23 may 19 | C | ..... | pvt. tr. B, sq. A. N. Y. G. 7 jan. 18 sgt. 10 june 18 tr. hdqrs. det. 10 june 18 2 lt. sq. A, cav., N. Y. G. 25 oct. 18 accepted 16 nov. 18 | N. Y. 9 nov. 81 |
| Tompkins, Boylston A., 24 feb. 19 | D | ..... | pvt. tr. A, sq. A. 7 jan. 18 corp. 16 dec. 18 sgt. 30 jan. 19 to tr. D. 18 jan. 19 2 lt. sq. A. 24 feb. 19 accepted 3 mar. 19 | N. J. 14 jan. 91 |
| Cary, Edward Moen, 19 mar. 19 full and hon. dis., 20 oct. 19 | B | ..... | pvt. tr. 3, sq. A. 14 apr. 97 corp. 22 mar. 99 com. sgt. 2 may 00 guid. sgt. 7 nov. 01 sgt. 17 feb. 02 full and hon. dis. 24 jan. 08 2 lt. sq. A. 19 mar. 19 accepted 19 mar. 19 | N. Y. 21 nov. 73 |

SQUADRON A CAVALRY — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|--|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Haakell, Edward K., 30 oct. 19 | B | ..... | Pvt. co. F, 7 inf. 18 sep. 01 dropped 30 sep. 05 taken up 5 feb. 06 full and hon. dis. 2 apr. 07 Pvt. tr. 4, sq. A. 23 oct. 08 corp. 13 may 10 to tr. G, 1 cav. 28 dec. 11 full and hon. dis. 4 apr. 12 Pvt. tr. B, sq. A. 2 apr. 18 corp. 27 may 18 Sgt. 10 June 18 1 Sgt. 18 apr. 19 2 lt. sq. A. 30 oct. 19 accepted 31 oct. 19 | Maine 8 feb. 77 |

FIRST FIELD ARTILLERY, N. Y. G.

Armory, 1988 Broadway, New York City

Organised as depot batteries and mustered into State service, Battery A., August 20, 1917; Battery B, August 14, 1917; Battery C, August 8, 1917; Battery D, August 27, 1917; Battery E, September 20, 1917; Battery F, November 27, 1917.

Batteries A and C transferred to 3d Field Artillery October 6, 1917, S. O. 255, A. G. O.

Mustered into New York Guard, Battery A, December 26, 1917; Battery C, February 27, 1918; Machine Gun Battery, July 29, 1918. Machine Gun Battery detached, May 23, 1919 (G. O. 23); Battery A disbanded, June 28, 1919 (G. O. 16); Company S, 3d Infantry, Syracuse, detached and designated Battery A, June 28, 1919 (G. O. 16); Battery C disbanded, July 14, 1919 (G. O. 19); Battery C, Binghamton, mustered in, September 8, 1919. Performed active duty guarding the Acqueduct.

Recognised by War Department, Battery F, November 7, 1919; Battery C, November 24, 1919. Attached to division, June 30, 1919.

FIRST FIELD ARTILLERY — NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonels</i> | | | | |
| Strong, Prentice, 16 may 18 reserve list....13 may 19 | ..... | ..... | landaman, 1 div. Conn. N. G.....10 may 01 to 31 oct. 01 pvt., corp., tr. 3, sq. A, N. G. N. Y.....16 mar. 06 to 4 apr. 12 2 lt. 2 bat. f. a. ....25 apr. 12 1 lt. 1 f. a. ....5 sep. 12 cap. ....20 jan. 13 cap. r. l. ....2 dec. 15 detailed to active duty depot bat., 1 f. a. ....5 july 16 1 lt. 1 f. a. ....14 aug. 16 cap. ....28 dec. 16 resigned. ....16 feb. 17 cap. 1 f. a. ....23 july 17 maj. 1 f. a. ....20 oct. 17 lt. col. ....14 mar. 18 col. ....16 may 18 accepted. ....17 may 18 | N. Y. 23 mar. 79 |
| Delaney, John Thomas, 20 feb. 19 | ..... | mustered into u. s. ser..... 4 july 16 out 15 nov. 16 into 9 july 17 col. 104 f. a. 20 feb. 18 hon. dis... 1 apr. 19 | pvt. 1 batty., corp., sgt., batty. F, 2 bat. f. a. ....21 dec. 09 to 25 nov. 12 2 lt. 1 f. a. ....25 nov. 12 1 lt. ....13 feb. 13 cap. ....4 mar. 14 lt. col. ....29 june 17 accepted. ....2 july 17 dft. ....5 aug. 17 r. l. ....30 apr. 19 col. 1 f. a. ....24 may 19 accepted. ....27 may 19 | N. Y. 20 june 87 |
| <i>Lieutenant Colonels</i> | | | | |
| Dunlap, Charles Edw., 6 nov. 18 reserve list....13 may 19 | D | pvt. batty. A, 1 bat., Mass. vol. mil., 12 nov. 08 to 12 nov. 11 mustered into u. s. ser.....15 aug. 16 out 1 nov. 16 | pvt. batty B, 1 f. a. 9 nov. 15 corp. ....25 apr. 16 1 sgt. ....8 july 16 hon. dis. ....9 aug. 16 2 lt. ....10 aug. 16 hon. dis. ....28 june 17 2 lt. 1 f. a. ....8 nov. 17 cap. ....11 dec. 17 maj. ....27 mar. 18 lt. col. ....6 nov. 18 accepted. ....8 nov. 18 | Pa. 3 dec. 89 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonel — Continued</i> | | | | |
| Austin, James Edward, 6 june 19 | | mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 lt. col. 104 f. a., 20 feb. 19 hon. dis. ... 10 apr. 19 | pvt. co. G, 9 inf. 1 apr. 02 hon. dis. 31 mar. 07 pvt., corp., agt., 1 batty. 30 may 07 to 1 may 12 2 lt. 2 bat. f. a. 1 may 12 1 lt. 17 may 12 cap. 1 f. a. 4 nov. 12 maj. 2 oct. 15 accepted. 5 oct. 15 dft. 5 aug. 17 r. l. 10 may 19 lt. col. 1 f. a. 6 june 19 accepted. 7 june 19 | N. Y. 25 dec. 84 |
| <i>Majors</i> | | | | |
| Hubbard, Francis Gilbert, 27 nov. 18 reserve list. 24 mar. 19 | | | pvt. co. I, 71 inf. 26 feb. 07 corp. 11 feb. 08 full and hon. dis. 3 mar. 12 1 lt. 71 inf., N. Y. G. 11 oct. 17 accepted. 17 oct. 17 cap. 1 f. a. 20 may 18 maj. 27 nov. 18 accepted. 10 dec. 18 | Minn. 3 aug. 87 |
| Blakeales, Charles Gray, 19 feb. 19 | | mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 2 july 17 maj. 104 f. a., 20 feb. 19 hon. dis. ... 1 apr. 19 | pvt., corp., 6 batty. 18 mar. 07 to 1 june 10 2 lt. 6 batty. 1 june 10 tra. 2 bat. f. a. 16 dec. 12 assigned 1 f. a. 1 jan. 13 cap. 1 dec. 15 dft. 5 aug. 17 r. l. 9 may 19 maj. 1 f. a. 24 july 19 accepted. 25 july 19 | N. Y. 7 dec. 84 |
| Petersen, Fred A., 19 feb. 19 | | mustered into u. s. ser. 28 june 15 out 15 nov. 16 into 9 july 17 maj. 104 f. a., 19 feb. 19 hon. dis. ... 1 apr. 19 | pvt. batty. D, 1 f. a. 23 jan. 12 full and hon. dis. 28 jan. 15 re-enlisted. 2 feb. 15 2 lt. 10 aug. 16 1 lt. 25 apr. 17 accepted. 28 apr. 17 dft. 5 aug. 17 r. l. 12 may 19 maj. 1 f. a. 14 june 19 accepted. 16 june 19 | N. Y. 15 jan. 81 |
| Leech, Robinson, 27 mar. 18 reserve list. 14 june 19 | | | pvt. sq. A, cav. 11 jan. 11 corp. 30 nov. 09 agt. 27 mar. 13 full and hon. dis. 6 july 15 re-enlisted. 6 july 15 trans. to depot sq. A. 29 june 16 hon. dis. 12 sep. 17 2 lt. 1 f. a. 7 sep. 17 cap. 11 oct. 17 maj. 27 mar. 18 accepted. 1 apr. 18 | N. Y. 4 may 84 |
| Ehrich, Manfred W., 28 mar. 19 reserve list. 24 july 19 | | | 2 lt. 1 f. a. 7 sep. 17 1 lt. 20 oct. 17 cap. 20 oct. 17 maj. 28 mar. 19 accepted. 29 mar. 19 | N. Y. 23 june 76 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|------------|--|---|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains</i> | | | | |
| Russell, Robert Law, 10 apr. 17 | E | mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 cap. 104 f. a. hon. dis. ... 1 apr. 19 | pvt. 82 co. c. a. c. 11 dec. 08 tr batt'y. E, 1 f. a. 19 dec. 13 corp. 10 mar. 14 sgt. 5 may 14 2 lt. 1 f. a. 4 mar. 15 1 lt. 17 aug. 16 cap. 10 apr. 17 accepted 13 apr. 17 dft. 8 aug. 17 cap. 1 f. a. 8 nov. 19 accepted 18 nov. 19 | Sect. 28 mar. 81 |
| Hofmann, Arthur W., 13 june 17 | F | mustered into u. s. ser. 9 july 17 cap. 104 f. a. hon. dis. ... 1 apr. 19 | pvt. batt'y. E, 1 f. a. 19 sep. 1 tra. to batt'y. D. 3 july 18 1 sgt. 14 sep. 18 dis. 14 sep. 14 re-enlisted batt'y. D. 14 sep. 14 dropped. 3 feb. 15 re-enlisted batt'y. F. 12 apr. 17 2 lt. 19 apr. 17 1 lt. 5 may 17 cap. 13 june 17 accepted 19 june 17 dft. 5 aug. 17 r. l. 20 may 19 cap. 1 f. a., N. Y. G. 20 june 19 cap. 1 f. a., N. Y. N. G. 7 mar. 19 accepted 17 nov. 19 | 1 N. Y. 14 june 90 |
| Gallagher, Francis P., 4 dec. 17 | batt. adj. | mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 cap. 104 f. a., 4 dec. 17 hon. dis. ... 4 mar. 19 | pvt. batt'y. D, 1 f. a. 21 apr. 14 corp. 8 nov. 15 1 sgt. 16 aug. 16 1 lt. 1 f. a. 15 june 17 accepted 20 june 17 dft. 5 aug. 17 cap. 1 f. a. 14 june 19 accepted 3 july 19 | N. Y. 17 mar. 93 |
| Cartwright, Charles Edw., 28 feb. 18 reserve list. 3 feb. 19 | C | Mass. service batt'y. A, 1 bat. l. a., Mass. vol. mil., 1889-92. pvt., corp., co. D, 1 regt. inf., Mass. vol. mil., 1892-96. pvt., corp., sgt. | 1 lt. 1 f. a. 7 sep. 17 accepted 10 sep. 17 cap. 28 feb. 18 accepted 9 mar. 18 | Mass. 23 dec. 70 |
| Viator, Carl Louis, 27 mar. 18 reserve list. 27 jan. 19 | D | | pvt. tr. I, sq. A. 14 oct. 04 trans. tr. A, sq. 1. 18 jan. 12 saddler. 20 feb. 12 trans. tr. A, sq. A. 5 mar. 14 gm. sgt. 3 dec. 14 full and hon. dis. 21 june 16 2 lt. 1 f. a. 11 oct. 17 accepted 15 oct. 17 1 lt. 5 mar. 18 cap. 27 mar. 18 accepted 29 mar. 18 | N. Y. 25 jan. 89 |
| Orvis, Schuyler A., 27 mar. 18 reserve list. 24 july 19 | E | | pvt. co. K, 7 inf. 2 feb. 14 trans. to N. G. res. 9 feb. 17 dis. 1 june 17 1 lt. 1 f. a. 9 nov. 17 cap. 27 mar. 18 accepted 30 mar. 18 | N. J. 30 june 92 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|------------|--|--|-------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — (Continued) | | | | |
| Gette, John O., 23 may 18 reserve list.... 12 july 19 | F | Span.-Am. War service 1898. | seaman, 3 div., 2 bat., 14 jan. 97 N. M. 14 june 97 hon. dis. 30 jan. 00 2 lt. 1 f. a., N. Y. G. 28 feb. 18 1 lt. 10 may 18 cap. 23 may 18 accepted 25 may 18 | Ger. 25 nov. 72 |
| Britt, Archibald P., 2 aug. 18 hon. dis. 18 apr. 19 | hdqrs. co. | pvt. co. G, 29 inf., 11 may 07 full and hon. dis., 10 may 10 batty. D, 1 f. a., 19 jan. 11 corp. 12 aug. 11 agt. 22 june 12 to batty. D, 6 f. a., — june 18 hon. dis. 18 jan. 14 re-enlisted, 19 jan. 14 discharged, 27 june 16 mustered into u. s. ser. 21 aug. 16 out 15 nov. 16 | 2 lt. 1 f. a. 30 june 16 1 lt. 15 aug. 16 hon. dis. 9 mar. 17 cap. 1 f. a. 2 aug. 18 accepted 5 aug. 18 | Ill. 26 may 87 |
| Stoney, Arthur Crawford, 6 aug. 18 | E | ..... | 2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 23 may 18 cap. 1 f. a., N. Y. G. 6 aug. 18 accepted 12 aug. 18 | N. Y. 6 dec. 79 |
| Hegeman, Walter E., 1 oct. 18 | D | mustered into u. s. ser. 15 june 16 out 5 nov. 16 into 30 june 17 cap. 104 f. a., 1 oct. 18 hon. dis. 4 june 19 | pvt. batty. D, 1 f. a., 18 apr. 18 hon. dis. 20 june 17 1 lt. 1 f. a. 21 june 17 accepted 26 june 17 dft. 5 aug. 17 cap. 1 f. a. 24 july 19 accepted 1 aug. 19 | N. Y. 21 oct. 86 |
| Brown, Oscar J., 18 nov. 18 | A | ..... | pvt. tr. D, 1 cav. 4 nov. 09 dropped. 3 mar. 14 2 lt. 3 inf. 9 aug. 18 cap. 18 nov. 18 cap. 1 f. a. 28 june 19 accepted 11 july 19 | N. Y. 29 jan. 84 |
| Haynes, Harry Fisher, 27 nov. 18 hon. dis. 11 aug. 19 | bat. adj. | cadet h. m. a., Worcester, Eng. 1893—1895 off. Eng. marine ops., 1895-1904. Burma Forest serv., 1904-1913. | pvt. batty. F, 1 f. a., N. Y. G. 1 mar. 18 agt., 2 lt., 1 f. a., N. Y. G. 30 aug. 18 1 lt. 9 oct. 18 cap. 1 f. a., N. Y. G. 27 nov. 18 | |
| Koch, Frederick Jacob, 27 nov. 18 full and hon. dis., | ..... | mustered into u. s. ser. 28 june 16 out 15 nov. 16 | pvt. 1 batty. 7 apr. 07 trans. batty. D. 21 sep. 11 corp. 30 oct. 11 agt. 4 dec. 12 2 lt. 16 june 14 1 lt. 11 feb. 16 hon. dis. 5 may 17 1 lt. 1 f. a., N. Y. G. 2 oct. 18 cap. 27 nov. 18 accepted 12 dec. 18 | N. Y. 6 feb. 81 |
| Gilkes, Arthur B., 4 dec. 18 reserve list.... 2 july 19 | F | ..... | 2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 9 oct. 18 cap. 4 dec. 18 accepted 6 dec. 18 | British W. I. 9 apr. 74 |

FIRST FIELD ARTILLERY, NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Silver, Horace Percy, 10 dec. 18 reserve list.... 31 July 19 | chap. | chaplain, U. S. A., 1901-1910. chaplain, U. S. M. A., 1913-1918. | cap., chap., 1 f. a., N. Y. G. 10 dec. 18 accepted..... 21 dec. 18 | Pa. 15 apr. 71 |
| Shannon, Porter Clyde, 3 feb. 19 reserve list.... 7 aug. 19 | D | ..... | pvt. co. I, 7 regt. 2 feb. 05 dropped..... 5 jan. 07 pvt. co. I, 7 inf., N. Y. G. 15 nov. 17 color Sgt. — 18 2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 27 July 18 cap. 3 feb. 19 accepted..... 5 feb. 19 | N. Y. 23 nov. 84 |
| Hopson, Francis Johnston, 11 feb. 19 | C | ..... | pvt., corp. Sgt., 9 c. a. c., N. Y. G. — nov. 17 to — July 18 Sgt. batty. F, 1 f. a., N. Y. G. — July 18 2 lt. 1 f. a. N. Y. G. 27 aug. 18 1 lt. 26 sep. 18 cap. 11 feb. 19 accepted..... 14 feb. 19 | N. Y. 4 feb. 65 |
| Acherson, Arthur M., 19 feb. 19 reserve list.... 27 oct. 19 | F | o. t. c. 12 may 17 2 lt. f. a., 102 eng., 15 aug. 17 1 lt., 104 f. a., 1 dec. 17 cap. 19 feb. 19 hon. dis. 1 apr. 19 | pvt. 1 m. b. 18 mar. 16 hon. dis. 12 may 17 cap. 1 f. a. 17 July 19 accepted..... 1 aug. 19 | Neb. 27 June 90 |
| Stone, William C., 2 apr. 19 | B | mustered into u. s. ser. 11 July 17 corp. 15 Jan. 18 agt. 1 June 18 2 lt. f. a. 9 aug. 18 camp Jackson; to batt'y. D, 35 f. a., 1 feb. 19 hon. dis. | pvt. batty. D, 2 f. a. 22 may 17 dft. 5 aug. 17 1 lt. 1 f. a. 14 mar. 19 cap. 2 apr. 19 accepted..... 3 apr. 19 | N. Y. 2 mar. 87 |
| Kaepfel, Arthur Edward, 24 July 19 | bat. adj. | mustered into u. s. ser. 4 July 16 out 8 nov. 16 into 2 July 17 | pvt., corp. 6 batty. f. a. 7 apr. 05 to 18 nov. 09 pvt., Sgt. 6 batty. 7 feb. 10 hon. dis. 15 nov. 10 pvt. 1 f. a. 16 nov. 10 to 21 dec. 14 2 lt. 1 f. a. 21 dec. 14 1 lt. f. a. 24 Jan. 16 accepted..... 25 Jan. 16 dft. 5 aug. 17 r. l. 22 June 19 cap. 1 f. a. 24 July 19 accepted..... 31 July 19 | N. Y. 3 aug. 86 |
| Wolfe, George E., 11 aug. 19 | sup. co. | mustered into u. s. ser. 30 June 17 agt. batty. B, 104 f. a., 1 Jan. 18 2 lt. f. a. 10 may 18 hon. dis. 5 feb. 19 | pvt. batty. B, 1 f. a. 20 June 17 corp. 10 July 17 corp. 1 Aug. 17 dft. 5 Aug. 17 cap. 1 f. a. 11 Aug. 19 accepted..... 20 Aug. 19 | N. Y. 16 Sep. 86 |
| Mangan, Charles J., 28 aug. 19 | C | 2 lt. inf., u. s. r., 27 nov. 17 1 lt. 26 inf. 26 may 18 hon. dis. 15 apr. 19 | cap. 1 f. a. 28 aug. 19 accepted..... 6 sep. 19 | N. Y. 29 May 88 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|------------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants</i> | | | | |
| Night, William J., 8 jan. 18 | A | mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 30 june 17 2 lt. 104 f. a. 4 dec. 17 1 lt. 8 jan. 18 hon. dis. ... 4 mar. 19 | pvt. co. M, 3 inf. 26 oct. 09 corp. 28 feb. 13 hon. dis. 5 feb. 14 pvt. batty. A, 1 f. a. 2 feb. 16 dft. 5 aug. 17 1 lt. 1 f. a. 24 july 19 accepted. 5 aug. 19 | N. Y. 14 feb. 91 |
| Talmage, Mitchel Packard, 28 may 18 hon. dis. 3 mar. 19 | m. g. co. | army av. sig. corps., 26 jan. 18—13 feb. 18 | 2 lt. 1 f. a., N. Y. G. 10 may 18 cap. 1 f. a., N. Y. G. 23 may 18 accepted. 28 may 18 | N. Y. 10 feb. 82 |
| Chapman, William C., 27 july 18 reserve list. 31 dec. 18 | hdqrs. co. | 3 div. Mich. nav. brig. 23 jan. 11 to 23 jan. 14 seaman, coxswain, yeoman; pvt. batty. A, Mich. N. G., feb. 16 to aug. 16. | 2 lt. 1 f. a. 10 may 18 1 lt. 27 july 18 accepted. 5 aug. 18 | Mich. 21 oct. 87 |
| Cornwall, John Robert, 26 sep. 18 reserve list. 3 may 19 | A | | 2 lt. 1 f. a. 2 aug. 18 tra. sup. co. 29 aug. 18 1 lt. 26 sep. 18 accepted. 30 sep. 18 | N. Y. 30 may 86 |
| Eatey, Adrian Duke, 26 sep. 18 reserve list. 4 feb. 19 | C | c. a. c. Mass. N. G., feb. 03—29 june 12 | 2 lt. 1 f. a. N. Y. G. 2 aug. 18 1 lt. 26 sep. 18 accepted. 30 sep. 18 | Mass. |
| Booth, Frederick Van Kirk, 26 sep. 18 reserve list. 12 july 19 | F | pvt., corp. co. F, 13 Pa. N. G., 3 yrs. | 4 lt. 1 f. a., N. Y. G. 2 aug. 18 1 lt. 26 sep. 18 accepted. 7 oct. 18 | N. Y. 29 july 85 |
| McAdams, Charles N., 17 oct. 18 reserve list. 22 oct. 19 | A | mustered into u. s. ser. 4 july 16 out 1 nov. 16 into 30 june 17 2 l. 104 f. a., 15 oct. 17 1 lt. 17 oct. 18 hon. dis. ... 1 apr. 19 | pvt., batty. A, 1 f. a. 26 june 16 dft. 5 aug. 17 1 lt. 1 f. a. 24 july 19 accepted. 13 aug. 19 | N. Y. 3 sep. 95 |
| Smith, Robert F., 24 oct. 18 | F | mustered into u. s. ser. 5 july 16 out 27 oct. 16 into 9 july 17 2 lt. 104 f. a. 7 may 18 1 lt. 24 oct. 18 hon. dis. ... 1 apr. 19 | pvt. batty. F, 1 f. a. 9 mar. 15 corp. 24 july 16 agt. 15 aug. 17 dft. 5 aug. 17 2 lt. 1 f. a., N. Y. G. 20 june 19 1 lt. 4 sep. 19 1 lt. 1 f. a., N. Y. N. G. 7 nov. 19 accepted. 7 nov. 19 | N. Y. 11 jan. 96 |
| Richard, Aurelius Robert, 1 nov. 18 reserve list. 25 mar. 19 | C | pvt., agt., 1 lt. of reserve, 32 arty., 1893—1898. | pvt., batty. B, 1 f. a., N. Y. G. 21 mar. 18 2 lt. 1 f. a., N. Y. G. 11 sep. 18 1 lt. 1 nov. 18 accepted. 16 nov. 18 | France 4 nov. 75 |
| Lorentsen, Julius Carl, Jr., 6 nov. 18 hon. dis. 23 apr. 19 | sup. co. | | pvt. 1 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 1 f. a., N. Y. G. 16 oct. 18 1 lt. 6 nov. 18 accepted. 12 nov. 18 | Virgin Isles |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Thorp, George O., 8 nov. 18 | B | mustered into u. s. ser. 30 june 18 out 12 jan. 17 into 11 july 17 3 o. t. c. 15 may 18 2 lt. f. a. 1 june 18 1 lt. 8 nov. 18 hon. dis. 3 apr. 19 | pvt. batty. D, 2 f. a. 21 june 13 corp. 9 july 14 dropped. 18 nov. 15 taken up. 31 mar. 16 dft. 5 aug. 17 1 lt. f. a. 30 june 19 accepted. 11 july 19 | Mass. 5 june 94 |
| Lyall, Arthur Vinton. 8 jan. 19 | D | ..... | pvt. 6 co., 9 c. a. c., N. Y. G. 8 oct. 17 agt. mar. 18 sup. agt. 12 mar. 18 2 lt. f. a., N. Y. G. 25 nov. 18 1 lt. 8 jan. 19 accepted. 10 jan. 19 | N. Y. 26 july 78 |
| Moyer, William H., 17 jan. 19 reserve list.... 4 aug. 19 | A | ..... | pvt. co. F, 74th inf., N. G. 21 sep. 06 dropped. 15 july 07 pvt. tr. D, N. G. N. Y., 3 may 10 f. and h. dis. 13 may 13 2 lt. 3 inf. N. Y. G. 18 nov. 18 1 lt. 17 jan. 19 1 lt. f. a. 28 june 19 accepted. 11 july 19 | N. Y. 24 mar. 83 |
| Crasto, Franklin Purdy, Jr. 3 feb. 19 reserve list.... 2 july 19 | E | ..... | pvt. co. A, 71 regt., N. G. N. Y. 16 nov. 00 dishon. dis. 15 may 06 2 lt. f. a., N. Y. G. 13 sep. 18 1 lt. 3 feb. 19 accepted. 6 feb. 19 | N. Y. 13 nov. 81 |
| Kirowitz, Gabriel S., 11 feb. 19 reserve list.... 16 dec. 19 | B | pvt. batty. A, 2 f. a., I. N. G. 22 oct. 17 bat. agt. maj., 31 mar. 18 hon. dis. 18 july 18 13 rec. co. 24 july 18 pvt. batty. A, 16 btn., f. a. r. d. 20 aug. 18 btn. agt. maj., 6 regt., f. a. r. d. 10 oct. 18 to f. a., c. d. t. s., 18 oct. 18 hon. dis. 10 jan. 19 2 lt. f. a. r. c., 11 jan. 19 | 1 lt. f. a. 11 feb. 19 accepted. 18 feb. 19 | Roumania 28 nov. 97 |
| Cavanaugh, Clarence Felix, 17 feb. 19 reserve list.... 24 july 19 | D | ..... | pvt. 9 c. a. c. N. Y. G. 8 oct. 17 2 lt. f. N. Y. G. 26 sep. 18 1 ltn. 17 feb. 19 accepted. 20 feb. 19 | Mo. 14 apr. 84 |
| Weil, Leon J., 3 mar. 19 | F | ord. dept. 4 jan. 18 to 28 feb. 18 sig. corps. 1 mar. 18 to 17 dec. 18 o. r. c. 18 dec. 18 | pvt. f. a. 20 feb. 18 2 lt. f. a., N. Y. G. 17 feb. 19 1 lt. 3 mar. 19 1 lt. f. a., N. Y. N. G. 15 nov. 19 accepted. 15 nov. 19 | N. Y. 23 dec. 97 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Lawrence, Effingham Nicoll 17 mar. 19 | B | ..... | pvt. tr. E, 1 cav., N. G. N. Y. 21 feb. 12 hon. dis. 23 feb. 15 pvt. 6 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 1 f. a., N. Y. G. 13 sep. 18 1 lt. 7 mar. 19 accepted. 10 mar. 19 | N. Y. 26 July 87 |
| Vreeland, Richard S., 30 June 19 | E | mustered into u. s. ser. 9 July 17 f. a., r. d. camp sch. of fire 6 May 18 53 f. a. 4 Oct. 18 hon. dis. 29 Dec. 18 | pvt. batty. F, 1 f. a. 3 Apr. 17 dft. 5 Aug. 17 1 lt. 1 f. a. 30 June 19 accepted. 8 July 19 | N. Y. 4 Jan. 94 |
| Finney, Ralph R., 17 July 19 | E | mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 9 July 17 2 lt. 104 f. a., 4 Apr. 18 hon. dis. 2 Apr. 19 | pvt. batty. E, 1 f. a. 18 May 16 1 cl. pvt. 1 Aug. 16 dft. 5 Aug. 17 1 lt. 1 f. a. 17 July 19 accepted. 21 July 19 | Mo. 28 Nov. 94 |
| Hosler, Stuart E., 24 Oct. 19 | A | ..... | pvt. tr. D, cav. 15 Mar. 06 dropped. 23 July 15 pvt. hdqr. co. 3 inf. 9 Jan. 18 sup. sgt. 21 Jan. 18 1 lt. 3 inf. 8 Apr. 18 accepted. 15 Apr. 18 hon. dis. 1 Nov. 18 cap. 3 inf. 13 Feb. 19 accepted. 18 Feb. 19 r. l. 19 Aug. 19 1 lt. f. a. 24 Oct. 19 accepted. 25 Oct. 19 | N. Y. 31 Aug. 84 |
| Scharlin, Bernard, 5 Nov. 19 | sup. co. | ..... | pvt. batty. E, 1 f. a., N. Y. G. 14 Oct. 13 dropped. 17 June 16 2 lt. 1 f. a., N. Y. G. 30 Oct. 18 accepted. 14 Nov. 18 r. l. 20 June 19 1 lt. 1 f. a. 5 Nov. 19 accepted. 9 Nov. 19 | N. Y. 9 Jan. 83 |
| Merriek, William H., 13 Nov. 19 | B | mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 9 July 17 2 lt. 104 f. a., 1 Oct. 17 hon. dis. 1 July 19 6 yrs. co. E, 41 inf., n. g., N. J. | pvt. 1 bat. f. a. 20 June 11 to batty. D, 2 bat. f. a. 30 Aug. 11 dropped. 17 Oct. 11 taken up, batty D. 24 July 12 corp. 30 Jan. 14 full and hon. dis. 19 Oct. 14 re-enlisted and warrant con. sgt. 29 Mar. 16 dft. 5 Aug. 17 2 lt. 1 f. a. 24 July 19 1 lt. 18 Nov. 19 accepted. 18 Nov. 19 | Md. 18 June 88 |
| Taylor, Howard E., 24 Nov. 19 | C | mustered into u. s. ser. 4 July 16 out 8 Nov. 16 into 2 July 17 hon. dis., 104 f. a., 2 lt. f. a., 1 June 18 batt. B, 50 f. a., 2 lt. f. a., r. c. 14 Feb. 19 | pvt. co. H, 1 inf. 7 Mar. 11 dropped. 27 July 12 taken up, batty. C, 1 f. a. 17 Aug. 15 dropped. 16 Oct. 15 taken up. 31 Dec. 15 mess sgt. 17 July 16 drafted. 5 Aug. 17 2 lt. 1 f. a., N. Y. G. 28 Aug. 19 1 lt. 1 f. a., N. Y. N. G. 24 Nov. 19 accepted. 19 Dec. 19 | S. Dak. 5 May 90 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|--|----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| First Lieutenants — Continued | | | | |
| Spring, William H., 24 nov. 19 | C | mustered into u. s. ser. 30 june 16 out 8 nov. 16 into 2 july 17 2 lt. 104 f. a., 25 jan. 18 hon. dis. . . 1 apr. 19 | pvt. batty. C, 1 f. a. . 19 apr. 12 corp. 1 mar. 15 sgt. 14 mar. 16 dft. 5 aug. 17 2 lt. 1 f. a., N. Y. G. . 28 aug. 19 1 lt. 1 f. a., N. Y. N. G. 24 nov. 19 accepted. 26 dec. 19 | N. Y. 21 sep. 93 |
| Second Lieutenants | | | | |
| O'Reilly, John J., 1 june 18 | D | pvt. co. A, 303 f. sig. bat. 23 june 17 2 lt. f. a. . . 1 june 18 hon. dis. . . 26 may 19 | 2 lt. 1 f. a. 13 sep. 19 accepted. 23 sep. 19 | N. J. 4 nov. 92 |
| Pinkney, Cornelius Sidell, 11 sep. 18 reserve list. . . 7 july 19 | A | | 2 lt. 1 f. a., N. Y. G. . 11 sep. 18 accepted. 20 sep. 18 | N. Y. 2 apr. 79 |
| Cook, Douglas Tremper, 30 sep. 18 reserve list. . . 24 jan. 19 | D | | pvt. co. E, 7 regt., N. G., N. Y. 8 june 01 corp. 27 dec. 07 full and hon. dis. . . 15 june 11 2 lt. 1 f. a., N. Y. G. . 30 sep. 18 accepted. 11 oct. 18 | N. Y. 8 june 83 |
| Sedgwick, Edw. Martin, 23 oct. 18 hon. dis. . . . 19 feb. 19 | D | | 2 lt. 1 f. a., N. Y. G. . 23 oct. 18 accepted. 18 nov. 18 | Tex. 7 nov. 91 |
| Sutherland, Francis W., 17 nov. 18 | D | 6½ yrs. 4 and 6 cav. mustered into u. s. ser. 9 july 17 2 lt. 104 f. a., 17 nov. 18 hon. dis. . . 1 apr. 19 co. D, 3 inf. Mich. N. G. 2 may 92 to 7 oct. 93 | band leader 1 f. a. . . 2 june 17 drafted. 5 aug. 17 r. l. 12 may 19 2 lt. 1 f. a. 23 july 19 accepted. 23 july 19 | Mich. 11 mar. 77 |
| Haughton, Harold Forest, 25 nov. 18 reserve list. . . 23 may 19 | B | | pvt. 1 co. 9 c. a. c., N. Y. G. 27 feb. 18 corp., sgt., 2 lt. 1 f. a., N. Y. G. 25 nov. 18 accepted. 13 dec. 18 | N. Y. 13 nov. 92 |
| Frankel, Joseph, 3 dec. 18 reserve list. . . 5 aug. 19 | band ldr. | 150 inf. reg., Russia, 1 oct. 02 to 15 sep. 04 (band master). | 2 lt. 1 f. a., N. Y. G. . 3 dec. 18 accepted. 5 dec. 18 | Russia 19 oct. 83 |
| Russell, Thomas F., 3 feb. 19 reserve list. . . 12 july 19 | E | | pvt. batty. E, 1 f. a. . 25 feb. 18 2 lt. 1 f. a. 3 feb. 19 accepted. 7 feb. 19 | N. Y. 13 oct. 86 |
| Striffier, Willard C., 11 july 19 | E | mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 9 july 17 pvt. 1 cl. . . 1 oct. 17 corp. 10 dec. 17 hon. dis. . . 1 apr. 19 | pvt. batty. F, 1 f. a. . 22 june 16 dft. 5 aug. 17 2 lt. 1 f. a. 11 july 19 accepted. 18 july 19 | N. J. 8 may 94 |
| Ferry, Frank J., 24 july 19 Graduate Sammur Art School, France. | A | mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 30 june 17 hon. dis. . . 1 apr. 19 | pvt. batty. A, 1 f. a. . 7 apr. 16 dft. 5 aug. 17 2 lt. 1 f. a. 24 july 19 accepted. 29 july 19 | N. Y. 6 sep. 95 |

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Gorman, Donald P., 24 july 19 | A | 2 lt. f. a. 16 sep. 18 to camp Taylor. hon. dis. 14 dec. 18 | 2 lt. 1 f. a. 24 july 19 accepted 29 july 19 | N. Y. 4 aug. 96 |
| Schilling, Fred M., 30 july 19 hon. dis. 29 nov. 19 | F | mustered into u. s. ser. 21 july 17 corp., sgt., 1 sgt., batty. F, 104 f. a. hon. dis. 1 apr. 19 | pvt. batty. F, 1 f. a. . . . 29 apr. 17 dft. 5 aug. 17 2 lt. 1 f. a. 30 july 19 accepted 31 july 19 | Ill. 2 mar. 89 |
| Keegan, Harry J., 19 sep. 19 | C | pvt. co. I, 310 inf., 27 sep. 17 o. t. s., camp Dix, 5 jan. 18 2 lt. inf. 1 june 18 hon. dis. 7 dec. 18 | pvt. co. H, 1 inf. 18 may 09 dropped 4 mar. 11 2 lt. 1 f. a. 19 sep. 19 accepted 27 sep. 19 | N. Y. 19 mar. 89 |
| Hughes, Ransom, 4 oct. 19 | E | pvt. 3 co. c. a. c., 16 feb. 18 corp. 13 aug. 18 2 lt. c. a. c.; 88 regt. c. a. c. 9 dec. 18 released 9 dec. 18 | 2 lt. 1 f. a., N. Y. G., 24 oct. 19 2 lt. 1 f. a., N. Y. N. G. 15 dec. 19 accepted 20 jan. 20 | N. Y. 20 july 96 |

SECOND FIELD ARTILLERY, N. Y. G.

Armory, 171 Clermont Avenue, Brooklyn, N. Y.

Organized as a Depot Battalion, composed of Batteries A and C. Designated 2d Field Artillery. N. Y. G., G. O. 37, A. G. O., August 3, 1917.

Attached to 1st Brigade, G. O. 58, A. G. O., November 22, 1917; transferred to 2d Brigade, G. O. 64, A. G. O., December 22, 1917. Battery C of Depot Battalion became Battery E, 2d Field Artillery, November 5, 1917. Battery D, Nyack, transferred to 1st Infantry and designated Company D, S. O. 289, A. G. O., November 14, 1918.

Batteries mustered into New York Guard on dates as follows: Battery A, November 19, 1917; Battery B, March 25, 1918; Battery C, November 12, 1918; Battery D, November 1, 1917; Battery E, November 5, 1917; Battery F, November 19, 1917; Battery G, December 3, 1917.

Battery F redesignated Battery D and Battery G, February 25, 1918.

Attached to Division, June 30, 1919.

Recognized by War Department; Battery A, December 12, 1919.

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Weld, DeWitt Clinton, Jr., 11 sep. 18 | | mustered into u. s. ser..... 30 june 16 out 16 feb. 17 into 11 july 17 lt. col. 105 f. a., 1 oct. 17 col..... 11 sep. 18 hon. dis... 3 apr. 19 | pvt., corp., agt., 1 agt. co. A, 23 inf. 8 mar. 87 to 16 nov. 92 2 lt. 23 inf. 16 nov. 92 1 lt. 3 feb. 96 resigned. 18 sep. 02 cap. 2 f. a. 8 oct. 12 supn., assigned to 1 f. a. 26 oct. 12 cap. 1 f. a. 16 nov. 12 assigned 2 f. a. 11 jan. 13 cap. 2 f. a. 20 jan. 13 maj. 2 f. a. 7 sep. 16 accepted 11 sep. 16 dft. 5 aug. 17 col. 2 f. a. 24 may 19 accepted 29 may 19 | N. Y. 18 july 68 |
| <i>Lieutenant Colonels</i> | | | | |
| Royce, Henry Herbert, 6 jan. 19 reserve list. . . . 26 feb. 19 | | | pvt. 3 batty. 17 apr. 83 corp. 17 apr. 84 agt. 7 dec. 85 1 sgt. 5 apr. 87 1 lt. 15 july 89 hon. dis. 15 aug. 98 cap. batty. I, 13 rgt. . . . 14 sep. 00 cap. c. a. c. with o. r. . . . 23 jan. 06 rank. 14 sep. 00 retired. 1 june 10 det. to command depot bat., 2 f. a. 3 july 16 maj. depot bat. 8 july 16 maj. 2 f. a. 5 sep. 17 lt. col. 6 jan. 19 accepted 9 jan. 19 | Nova Scotia. |
| Marshall, Robert Waddell, 12 dec. 19 | | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 maj. 105 f. a., 31 oct. 18 hon. dis... 3 apr. 19 | pvt., corp., 2 batty... 6 sep. 04 to 12 sep. 13 hon. dis. 20 oct. 11 pvt. 2 batty..... 20 oct. 11 to 12 sep. 13 2 lt. 2 f. a. 12 sep. 13 1 lt. 27 apr. 14 cap. 2 f. a. 25 apr. 16 accepted 26 apr. 16 dft. 5 aug. 17 maj. 2 f. a. 10 july 19 lt. col. 12 dec. 19 accepted 15 dec. 19 | N. Y. 30 nov. 83 |

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Spencer, Frank A., Jr., 28 oct. 18 | ..... | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 maj. 105 f. a., 28 oct. 18 hon. dis... 3 apr. 19 | pvt. tr. C, m. g. tr... 18 sep. 13 2 lt. 2 f. a..... 13 may 16 1 lt..... 9 oct. 16 cap..... 18 apr. 17 accepted..... 19 apr. 17 dft..... 5 aug. 17 maj. 2 f. a..... 6 may 19 accepted..... 12 may 19 | N. Y. 18 may 84 |
| Chemidlin, Emile D., 26 feb. 19 reserve list.... 19 may 19 | ..... | ..... | pvt. 3 batty..... 7 mar. 87 corp..... 7 mar. 89 sgt..... 24 sep. 89 2 lt..... 4 apr. 92 1 lt..... 10 july 90 hon. dis..... 15 aug. 98 cap. 13 rgt. h. a..... 14 sep. 99 hon. dis..... 25 sep. 02 cap. depot bat., 2 f. a. 8 july 16 cap. 2 f. a. with o. r. 5 sep. 17 maj..... 26 feb. 19 accepted..... 3 mar. 19 | N. Y. 6 june 67 |
| de Figaniere, Frederick, 12 dec. 19 | ..... | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 cap. 105 f. a., hon. dis... 3 apr. 19 | pvt., corp., sgt., sgt. maj..... 9 mar. 14 to 26 june 16 2 lt..... 26 june 16 1 lt..... 19 aug. 16 cap..... 20 sep. 16 accepted..... 21 sep. 16 dft..... 5 aug. 17 cap. 2 f. a..... 19 may 19 maj..... 12 dec. 19 accepted..... 17 dec. 19 | Pa. 11 apr. 69 |
| <i>Captains</i> | | | | |
| Sullivan, Howard E., 21 feb. 16 | bat. adj. | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 cap. 105 f. a., hon. dis..... 5 apr. 19 | pvt., corp., 2 batty., trs. pvt. hdqrs., 1 bat., bat. sgt. maj..... 26 jan. 08 to 26 aug. 13 2 lt. 2 f. a..... 26 aug. 13 1 lt..... 11 feb. 14 cap..... 21 feb. 16 accepted..... 23 feb. 16 dft..... 5 aug. 17 cap. 2 f. a..... 19 may 19 accepted..... 26 may 19 | N. Y. 4 may 88 |
| Buye, Thomas A., 14 july 16 f. and h. dis... 28 nov. 19 | A | ..... | pvt., corp., sgt., 3 batt. f. a..... 31 oct. 92 to 1 nov. 97 pvt. 3 batty..... 15 oct. 00 to 21 nov. 05 2 lt. 47 inf..... 21 dec. 09 1 lt..... 8 apr. 10 1 lt. 14 inf..... 12 jan. 11 cap..... 14 apr. 11 1 lt. 2 f. a..... 22 nov. 13 resigned..... 9 aug. 15 cap. depot bat., 2 f. a. 14 july 16 cap. 2 f. a..... 5 sep. 17 with rank from..... 14 july 16 accepted..... 19 sep. 17 | N. Y. 7 mar. 71 |

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Dienst, Herbert Charles, 10 aug. 16 reserve list.... 6 june 19 | E | ..... | pvt., agt., h. c. 1 bat. f. a. 24 may 11 to 18 mar. 14 2 lt. 2 f. a. 18 mar. 14 r. l. 6 june 16 detailed to active duty depot bat., 2 f. a. 5 july 16 cap. d. b. 2 f. a. 10 aug. 16 cap. 2 f. a. with o. r. 5 sep. 17 accepted. 27 sep. 17 | N. Y. 15 oct. 85 |
| Raldiris, Edward J. J., 12 july 17 | A | mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 21 july 17 to 105 f. a. — sep. 18 hon. dis. ... 5 apr. 19 | pvt., corp., agt., 1 agt. tr. 6, sq. C. 16 apr. 06 to 21 july 15 2 lt. 21 july 15 cap. 12 july 17 accepted. 14 july 17 dft. 5 aug. 17 r. l. 28 may 19 cap. 2 f. a. N. Y. G. 10 dec. 19 cap. 2 f. a. N. Y. N. G. 12 dec. 19 accepted. 12 dec. 19 | N. Y. 20 sep. 80 |
| Weiner, Alphonse William, 22 nov. 17 f. and h. dis. ... 29 oct. 19 | D | mustered into u. s. ser. 30 june 16 resigned. ... 31 aug. 16 | pvt. h. c., agt., 1 cl., agt., 1 batty. 1 nov. 10 to 26 aug. 13 2 lt. 2 f. a. 26 aug. 13 1 lt. 11 may 14 cap. adj. 2 bat. 24 mar. 16 resigned. 31 aug. 16 r. l. 1 oct. 17 cap. 2 f. a. 22 nov. 17 accepted. 26 nov. 17 N. G. R. 26 mar. 19 | Ire. 13 july 86 |
| McRickard, Samuel E., 28 dec. 17 | F | mustered into u. s. ser. 30 june 16 f. and h. dis. ... 7 oct. 16 | pvt. 2 batty., f. a. 13 jan. 06 com. agt. 25 sep. 06 agt. 27 aug. 07 2 lt. 1 btn., f. a. 12 june 08 to 2 batty., f. a. 10 jan. 13 1 lt. 2 f. a. 18 aug. 13 accepted. 27 aug. 13 r. l. 20 nov. 17 cap. 2 f. a. 28 dec. 17 accepted. 5 jan. 18 N. G. R. 25 mar. 19 | N. Y. 19 oct. 79 |
| Rogers, William W., 12 jan. 18 f. and h. dis. ... 6 feb. 19 | B | ..... | pvt., corp., agt. 17 apr. 13 full and hon. dis. oct. 13 2 lt. d. b. 20 july 16 2 lt. f. a. with o. r. 5 sep. 17 cap. 12 jan. 18 accepted. 21 jan. 18 | N. Y. 18 sep. 89 |
| Floor, Arthur Munro, 28 oct. 18 | B | mustered into u. s. ser. 30 june 16 out 12 jan. 17 cap. 105 f. a., 28 oct. 18 into 11 july 17 cap. 105 f. a., 28 oct. 18 hon. dis. ... 3 apr. 19 | pvt. batty. C, corp. ... 21 sep. 14 2 lt. 19 may 16 1 lt. 3 aug. 17 accepted. 4 aug. 17 dft. 5 aug. 17 cap. 2 f. a. 3 may 19 accepted. 12 may 19 | N. Y. 3 oct. 86 |

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|-------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Davenport, Henry Jorammon, 20 nov. 18 | C | pvt. 1 corps cadets, M. V. M., 1899- 1900. | 1 lt. 2 f. a., N. Y. G. 21 aug. 18 cap. 20 nov. 18 accepted 22 nov. 18 | N. Y. 3 feb. 80 |
| Brennan, Edward Leo, 20 feb. 19 f. and h. dis. 28 nov. 19 | sup. co. | mustered into u. s. ser. 26 oct. 16 out 12 jan. 17 into 30 june 17 cap. 105 f. a., 20 feb. 19 hon. dis. 3 apr. 19 | pvt., agt., batty. B, 2 f. a. 15 sep. 13 to 20 aug. 15 2 lt. 20 aug. 15 1 lt. 24 may 16 2 lt. 27 june 16 1 lt. 18 oct. 16 accepted 18 oct. 16 dft. 5 aug. 17 cap. 2 f. a. 19 may 19 accepted 16 june 19 | N. Y. 3 mar. 92 |
| <i>First Lieutenants</i> | | | | |
| Clark, Rogers Pratt, 12 aug. 15 | A | mustered into u. s. ser. 30 june 16 out 12 jan. 17 into 30 june 17 1 lt. 105 f. a., hon. dis. 27 jan. 19 | pvt. batty. C, 2 f. a., tra. batty. A, corp. agt. 29 sep. 13 to 9 july 14 2 lt. 9 july 14 1 lt. 12 aug. 15 accepted 18 aug. 15 dft. 5 aug. 17 1 lt. 2 f. a. N. Y. G. 19 may 19 1 lt. 2 f. a. N. Y. N. G. 12 dec. 19 accepted 12 dec. 19 | N. J. 5 july 91 |
| Bergstein, Frederick Wm., 21 june 16 changed to Burton, Frederick Wm., 26 aug. 18 died. 1 mar. 19 | E | | pvt., corp., 2 Batty. f. a., tra. batty. F. 2 f. a., corp., agt. 31 oct. 07 to 4 may 14 2 lt. 2 f. a. 4 may 14 r. l. 31 dec. 15 1 lt. d. b. 21 june 16 1 lt. 2 f. a. with o. r. 5 sep. 17 accepted 13 sep. 17 | N. Y. 2 jan. 87 |
| Jacobs, Robert Elliott, 26 dec. 17 | A | | pvt. 3 batty. 13 may 98 corp. 17 apr. 99 agt. 15 may 01 hon. dis. 4 mar. 07 1 lt. 2 f. a. 26 dec. 17 accepted 29 dec. 17 | N. Y. 2 aug. 75 |
| Davis, James Howard, 24 jan. 18 | F | | pvt. hos. corps. 29 mar. 10 agt. 15 dec. 11 agt. 1 cl. 19 mar. 12 batn. q. m. agt. 27 june 13 2 lt. 2 f. a. 1 july 15 1 lt. 2 oct. 15 1 lt. 2 f. a., N. Y. G. 24 jan. 18 accepted 28 jan. 18 | Pa. 16 feb. 82 |
| Haveron, Henry J., 9 apr. 18 | B | | pvt. batty. B, 2 f. a. 21 feb. 11 corp. 7 aug. 12 tra. batty. A, 1 f. a. 2 jan. 13 hon. dis. 21 feb. 14 1 lt. 2 f. a., N. Y. G. 9 apr. 18 accepted 15 apr. 18 | N. Y. 12 sep. 89 |

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Van Brakel, Herman A., 10 may 18 f. and h. dis... 29 oct. 19 | F | mustered into u. s. ser..... 21 sep. 16 out 12 jan. 17 | pvt. 2 batty..... 11 jan. 06 corp..... 4 june 07 agt..... 29 jan. 09 trs. batty. E..... 24 june 13 full and hon. dis. 1 mar. 15 re-enlisted..... 1 mar. 15 sgt..... 20 mar. 16 full and hon. dis. 29 mar. 16 re-enlisted..... 29 mar. 16 2 lt..... 20 sep. 16 hon. dis..... 26 mar. 17 r. l..... 15 oct. 17 2 lt. 2 f. a..... 11 oct. 17 1 lt..... 10 may 18 accepted..... 14 may 18 N. G. R..... 30 mar. 19 | N. Y. 20 july 86 |
| Bellis, Edmund J., 10 june 18 | C | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 2 lt. 105 f. a., 1 dec. 17 1 lt..... 10 june 18 hon. dis... 12 july 19 | pvt. batty. A, 1 f. a. 16 dec. 12 to batty. A, a. f. a. 16 dec. 12 corp..... 15 july 14 agt..... 24 oct. 15 f. and h. dis..... 16 dec. 15 re-enl. and warrant cont., dft..... 5 aug. 17 1 lt. 2 f. a..... 10 nov. 19 accepted..... 24 nov. 19 | N. Y. 2 july 92 |
| Sheehan, Raymond J., 3 oct. 18 | F | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 2 lt. 105 f. a., 4 dec. 17 1 lt..... 3 oct. 18 hon. dis... 3 apr. 19 | pvt. batty. D, 2 f. a. 13 jan. 14 corp..... 25 jan. 15 contd. in service..... 23 feb. 17 dft..... 5 aug. 17 1 lt. 2 f. a..... 23 july 19 accepted..... 29 aug. 19 | N. Y. 27 oct. 93 |
| Orgill, John C., 28 oct. 18 reserve list... 29 oct. 19 | C | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 30 june 17 2 lt. 105 f. a., 1 oct. 17 1 lt..... 28 oct. 18 hon. dis... 3 apr. 19 | pvt. batty. B, 2 f. a. 15 june 15 corp..... 30 june 16 agt..... 12 feb. 17 dft..... 5 aug. 17 1 lt. 2 f. a..... 3 may 19 accepted..... 12 may 19 | W. I. 29 mar. 93 |
| Leufer, William K., 31 oct. 18 | sup. co. | mustered into u. s. ser..... 11 july 16 out 11 feb. 17 into 30 june 17 1 lt. 105 f. a. 31 oct. 18 hon. dis... 3 apr. 19 | pvt. batty. B, 2 f. a. 3 apr. 16 1 cl. pvt..... — 3 mar. 17 corp..... 5 aug. 17 dft..... 19 may 19 1 lt. 2 f. a..... 22 may 19 accepted..... 22 may 19 | N. Y. 14 sep. 91 |
| Abrams, Walter L., 20 feb. 19 | B | mustered into u. s. ser..... 19 june 16 out 12 jan. 17 into 30 june 17 2 lt. 105 f. a., 4 dec. 17 1 lt..... 20 feb. 19 hon. dis... 3 apr. 19 | pvt. batty. C, 2 f. a. 13 may 13 hon. dis..... — jan. 14 re-enlisted..... 2 mar. 14 dft..... 5 aug. 17 1 lt. 2 f. a..... 23 may 19 accepted..... 2 june 19 | N. Y. 14 jan. 95 |

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants</i> | | | | |
| Greene, Frank, 20 july 18 reserve list... 19 may 19 | A | ..... | pvt. 3 batty..... 12 oct. 90 corp..... 14 oct. 92 sgt..... 3 feb. 91 dis..... 21 oct. 96 2 lt. d. b., 2 f. a..... 20 july 16 2 lt. 2 f. a. with o. r. 5 sep. 17 accepted..... 19 sep. 17 | N. Y. 11 oct. 66 |
| Heller, Frederick O., 1 oct. 17 | hdqrs. co. | mustered into u. s. ser..... 19 june 16 out 12 jan. 17 into 30 june 17 2 lt. 105 f. a., 1 oct. 17 hon. dis... 3 apr. 19 | pvt. batty F, 2 f. a... 28 apr. 14 corp..... sgt..... 13 apr. 17 dft..... 5 aug. 17 2 lt. 2 f. a..... 23 may 19 accepted..... 26 may 19 | 29 july 93 |
| Demarest, Horace A., 12 mar. 18 | D | ..... | pvt. batty. A, 2 f. a., N. G. N. Y..... 24 feb. 14 hon. dis..... 24 may 16 pvt. batty. F, 2 f. a., N. Y. G..... 29 oct. 17 2 lt..... 12 mar. 18 accepted..... 15 mar. 18 | N. Y. 26 dec. 90 |
| Keegan, Charles Edward, 24 may 18 | E | ..... | pvt. batty. F, 2 f. a., N. Y. G..... 22 apr. 18 2 lt. 2 f. a., N. Y. G. 24 may 18 accepted..... 25 may 18 | N. Y. 9 dec. 92 |
| Smith, Frank C., 1 june 18 | A | mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 2 lt. 26 f. a. 1 june 18 hon. dis... 20 mar. 19 | pvt. batty. C, 2 f. a. 16 may 16 sgt..... 1 june 17 dft..... 5 aug. 17 2 lt. 2 f. a., N. Y. G. 31 july 19 2 lt. 2 f. a., N. Y. N. G..... 12 dec. 19 accepted..... 12 dec. 19 | N. Y. 15 sep. 95 |
| Cox, Joseph Francis, Jr., 1 july 18 | B | ..... | pvt. batty. C, 2 f. a., N. Y. G..... 5 may 13 dropped..... 30 apr. 14 taken up..... 18 may 14 hon. dis..... 14 may 16 re-enlisted..... 20 june 16 dis..... 28 july 16 pvt. batty. B, 2 f. a., N. Y. G..... 22 oct. 17 1 sgt..... 2 lt. 2 f. a., N. Y. G. 1 july 18 accepted..... 5 july 18 | N. Y. 9 nov. 92 |
| Peters, Clement Irving, 1 july 18 | A | ..... | pvt. co. G, 23 regt., N. G. N. Y..... 13 mar. 05 corp..... 11 jan. 09 sgt..... 2 may 10 full and hon. dis..... 13 mar. 15 2 lt. 2 f. a., N. Y. G. 1 july 18 accepted..... 8 july 18 | N. Y. 30 apr. 87 |
| Strets, George, 21 aug. 18 | hdqrs. co. | pvt., band, 17 inf., 5 mar. 87 30 yrs. as band leader, retired.... 18 may 17 | 2 lt., band leader, 2 f. a..... 21 aug. 18 accepted..... 9 sep. 18 | Penn. 22 dec. 64 |

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Concluded)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Concluded</i> | | | | |
| Reitwiesner, John George, 5 sep. 18 | F | ..... | pvt. batty. A, 1 bat., N. G. 30 jan. 12 corp. 22 dec. 13 sgt. 14 full and hon. dis. 1 mar. 15 2 lt. 2 f. a., N. Y. G. 5 sep. 18 accepted. 12 sep. 18 | N. Y. 19 dec. 89 |
| Stover, Walter A., 19 feb. 19 | B | 2 lt. f. a., o. r. c., 15 aug. 17 2 lt. cav. and trans. to inf. 12 dec. 17 hon. dis. ... 7 apr. 18 | pvt. batty. B, 2 f. a. 30 oct. 11 to batty. C. 2 jan. 13 corp. 28 feb. 13 sgt. 8 dec. 13 full and hon. dis. 31 oct. 14 re-enlisted and warrant con. full and hon. dis. 3 june 17 2 lt. 2 f. a. 19 feb. 19 accepted. 24 feb. 19 | N. Y. 1 dec. 92 |
| Russell, John S., 18 mar. 19 | C | ..... | pvt. batty. C, 2 f. a. 8 oct. 16 sgt. 18 feb. 19 2 lt. 2 f. a. 18 mar. 19 accepted. 24 mar. 19 | Dak. 3 apr. 90 |

SIXTY-FIFTH FIELD ARTILLERY

Headquarters, 29 Masten Street, Buffalo

Organized as a Depot Battalion of 3d Field Artillery, July, 1917, by authority of S. O. 255, A. G. O. Battery A of Syracuse and C of Binghamton were transferred from the 1st Field Artillery to this battalion. Mustered into the New York Guard on dates as follows: Battery E, November 20, 1917; Battery B, November 20, 1917; Batteries D and F, November 26, 1917.

Battery G was authorized by G. O. 58, A. G. O., November 22, 1917, and mustered into New York Guard, January 15, 1918; Battery C, February 16, 1918; Battery C detached and assigned to the 4th Infantry, March 9, 1918 (S. O. 62, A. G. O.); Battery A, detached and assigned to the 3d Infantry; and the remaining batteries became part of the 65th Infantry May 24, 1918 (G. O. 26, A. G. O.), which was organized as follows:

| Station | Old designation | New Designation |
|------------------|-------------------------------|-----------------|
| Buffalo..... | Battery E..... | Company A |
| Buffalo..... | Battery B..... | Company B |
| | | Company C |
| Buffalo..... | Battery D..... | Company D |
| Buffalo..... | Battery F..... | Company E |
| Jamestown..... | Company E, 74th Infantry..... | Company F |
| Buffalo..... | Battery G..... | Company G |
| | | Company H |
| Olean..... | Company I, 74th Infantry..... | Company I |
| Warsaw..... | Company W, 74th Infantry..... | Company K |
| Salamanca..... | Company S, 74th Infantry..... | Company L |
| East Aurora..... | Company M, 74th Infantry..... | Company M |

August 1, 1919 (G. O. 21, A. G. O.), Companies E, I, and M were transferred to the 74th Infantry; Company K was mustered out October 21, 1918, and Company L, November 26, 1919; the remaining companies became the 65th Field Artillery, as follows:

| Old designation | New designation |
|----------------------|-----------------|
| Company F..... | Battery A |
| Company B..... | Battery B |
| Company G..... | Battery C |
| Company D..... | Battery D |
| Company A..... | Battery E |
| To be organized..... | Battery F |

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; before Petersburg, Va., October 20, 1864 to April 2, 1865; Hatcher's Run, Va., October 27–28, 1864; Hicksford raid, Va., December 6–11, 1864; Hatcher's Run, Va., February 5–7, 1865; Appomattox campaign, Va., March 28 to April 9, 1865; Gravelly Run, March 29, 1865; White Oak Ridge, March 29–31, 1865; Five Forks, April 1, 1865; Fall of Petersburg, April 2, 1865; Appomattox Court House, April 9, 1865; Spanish-American War, 1898; World War, 1917.

On the State Color.—Canal riot, Buffalo, 1849; draft riots, New York, 1863; railroad strike, Buffalo, 1877; riots, Buffalo, 1892; riots, Tonawanda, 1893.

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Hubbell, Lyman Parsons, 28 may 18 | | mustered into u. s. ser..... 1 july 16 out 28 feb. 17 into 31 mar. 17 resigned... 1 nov. 17 | pvt., co. F, color bearer, 74 inf..... 28 mar. 96 to 25 aug. 05 1 lt., bat. qm..... 25 aug. 05 supn., reassigned... 21 jan. 08 2 lt. 74 inf..... 24 feb. 08 cap..... 20 apr. 08 maj., qm. c., N. Y. G. 10 nov. 17 col. 65 inf..... 28 may 18 col. 65 f. a..... 1 aug. 19 accepted..... 29 aug. 19 | N. Y. 19 nov. 74 |

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|---|--------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Barrett, Nelson True, 10 July 18 | ..... | 2 lt. 65 N. Y. inf. 1 May 98 to 19 Nov. 98 mustered into u. s. a. ser. 5 Aug. 16 out 24 Mar. 17 | pvt., corp., sgt., co. 1, 65 inf. 3 Apr. 93 to 12 Dec. 96 2 lt. 12 Dec. 96 1 lt. 11 June 01 cap. 65 inf. 15 Mar. 09 cap. 3 f. a. with o. r. 11 July 16 resigned. 5 May 17 r. l. 17 Aug. 17 detailed to duty with 3 f. a. 21 Sep. 17 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 maj. 10 July 18 maj. 65 f. a. 1 Aug. 19 accepted. 1 Sep. 19 | N. Y. 14 Dec. 68 |
| Witten, George W. B., 29 Dec. 19 | ..... | 1 imp. lt. horse, 8 Africa, 1899 to 1902; royal f. a. 1 f. a. 1 Can., 1914 to 1919. | maj. 65 f. a. 29 Dec. 19 accepted. 30 Dec. 19 | Eng. 23 Jan. 85 85 |
| <i>Captains</i> | | | | |
| Norton, George H., 15 July 16 | bqrs. co. | cap. 65 N. Y. inf. 1 May 98 to 19 Nov. 98 | pvt., corp., sgt., co. F, 65 inf. 18 Nov. 89 to 28 Dec. 95 2 lt. 28 Dec. 95 1 lt. 5 June 97 cap. 1 May 98 i. s. a. p. with o. r. 3 Jan. 06 supn., reassigned. 21 Jan. 08 cap. o. d. 7 Feb. 08 cap. 65 inf. 1 May 14 r. l. 5 July 16 detailed to duty with depot bat. 65 inf. 15 July 16 cap. with o. r., 3 f. a. 16 Oct. 17 cap. 65 inf. 24 May 18 cap. 65 f. a. 1 Aug. 19 accepted. 29 Sep. 19 | N. Y. 24 Oct. 63 |
| Chapin, Frank M., 3 Aug. 16 f. and h. dis. ... 16 May 19 | sup. off. | 1 lt. bat. adjt. 65 regt. N. Y. vols., 1 May 98 to 19 Nov. 98 | 2 lt. 65 inf. 20 Mar. 88 hon. dis. 15 Mar. 89 pvt. co. F. 15 July 95 bat. qm. sgt. 15 July 95 1 lt. qm. bat. 4 Dec. 95 cap. 9 Feb. 99 full and hon. dis. 21 Mar. 07 r. l. 28 July 16 duty depot bat. 3 f. a. 3 Aug. 16 cap. 3 f. a. 16 Oct. 17 cap. 65 inf. 24 May 18 accepted. 3 June 18 | ..... |
| Gillilan, Andrew Boyd 10 Nov. 16 f. and h. dis. ... 5 Nov. 19 | B | pvt., corp., co. I, 65 N. Y. inf. 1 May 98 to 19 Nov. 98 mustered into u. s. a. ser. 5 Aug. 16 | pvt. co. E, 74 inf., trs. co. I, 65 inf., corp., sgt. 25 Jan. 97 to 24 May 00 2 lt. (H) 24 May 00 1 lt. 18 June 01 cap. 4 Aug. 13 cap. 3 f. a. with o. r. 11 July 16 resigned. 15 Sep. 16 r. l. 25 Oct. 16 detailed to duty with depot bat. 10 Nov. 16 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 accepted. 3 June 18 | N. Y. 4 Sep. 73 |

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Brost, Jacob, 14 July 17 | F | pvt. co. I, 65 N. Y. inf. 14 June 98 to 19 Nov. 98 mustered into u. s. a. ser. 5 Aug. 16 out 1 Oct. 16 into 24 Nov. 16 out 24 Mar. 17 | pvt., corp., sgt., co. 1, 65 inf. 4 Sep. 99 to 13 Jan. 12 2 lt. 65 inf. 13 Jan. 12 2 lt. 3 f. a. with o. r. 11 July 16 1 lt. 2 Aug. 16 resigned 15 Sep. 16 1 lt. 29 Sep. 16 cap. 11 Nov. 16 resigned 23 May 17 r. l. 12 July 17 duty with depot bat., 3 f. a. 14 July 17 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 N. G. R. 1 Aug. 19 cap. 65 f. a. 1 Aug. 19 accepted 10 Sep. 19 | N. Y. 30 Dec. 79 |
| Schoen, Stanislaus, 22 Jan. 18 | C | mustered into u. s. a. ser. 5 Aug. 16 hon. dis. 26 Aug. 16 | 1 lt. 65 inf. 3 Mar. 16 1 lt. with o. r. 11 July 16 detailed to duty with 3 f. a. 7 Dec. 16 1 lt. 3 f. a. with o. r. 16 Oct. 17 cap. 3 f. a. 22 Jan. 18 cap. 65 inf. 24 May 18 maj. N. G. R. 14 Mar. 19 cap. 65 f. a. 1 Aug. 19 accepted 5 Sep. 19 | Ger. 27 Oct. 73 |
| De Rango, William E., 14 Mar. 18 | D | pvt. gov.'s tr. B. 1 Ohio sq. 2 Apr. 03 dis. as 1 sgt. 12 Aug. 10 | pvt. 128 sep. co. — — 98 pvt. 28 sep. co. 28 Aug. 99 dropped 7 Jan. 02 1 lt. 3 f. a. 15 Dec. 17 cap. 3 f. a. 14 Mar. 18 cap. 65 inf. 24 May 18 cap. 65 f. a. 1 Aug. 19 accepted 2 Sep. 19 | N. Y. 2 Mar. 76 |
| Hamilton, Charles H., Jr., 13 Sep. 18 | E | pvt. co. I, 65 N. Y. vols. 26 Apr. 98 dis. 19 Nov. 98 | pvt. co. I, 65 inf. 26 Apr. 98 color bearer 27 May 01 hon. dis. 20 May 07 1 lt. 3 f. a. 8 Nov. 17 1 lt. 65 inf. 24 May 18 cap. 13 Sep. 18 cap. 65 f. a. 1 Aug. 19 accepted 2 Sep. 19 | Scot. 30 Sep. 79 |
| O'Mailia, Miles J., 28 Oct. 18 | chap. | n. c. chap. British regt., Jamaica, B. W. I., 1914-1916. | cap. 65 inf. 28 Oct. 18 cap. 65 f. a. 1 Aug. 19 accepted 8 Sep. 19 | W. Va. 14 June 80 |
| Moore, John H., 18 Nov. 18 reserve list. 29 Aug. 19 | K | 9 inf. 7 Oct. 98 hon. dis. 4 Feb. 99 13 inf. 18 Feb. 99 hon. dis. 5 Mar. 02 | pvt. co. W, 74 inf. 19 Mar. 18 1 lt. 74 inf. 19 Apr. 18 to 65 inf. 24 May 18 cap. 65 inf. 18 Nov. 18 accepted 22 Nov. 18 | Can. |

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | CgH-pany | Service | | Born |
|---|-----------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Gwinner, Joseph M., 4 mar. 19 | adjt. | r. o. 10 aug. 16 mustered out. 12 oct. 16 1 lt. u. s. guards, co. C, 16 batn., 9 July 18 hon. dis. 3 feb. 19 | pvt., qm. sgt., co. K, 65 inf. 30 June 09 to 10 May 12 2 lt. 65 inf. 10 May 12 1 lt. 5 Aug. 14 cap. 1 Apr. 15 r. l. 11 July 16 detailed to duty with depot bat. 16 Nov. 16 cap. 3 f. a., with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 full and hon. dis. 23 July 18 cap. 65 inf. 4 Mar. 19 cap. 65 f. a. 1 Aug. 19 accepted. 29 Aug. 19 | N. Y. 24 Dec. 77 |
| Pankow, Albert R., 24 May 19 | D | ..... | 2 lt. 3 f. a. 15 Dec. 17 2 lt. 65 inf. 24 May 18 cap. 24 May 19 cap. 65 f. a. 1 Aug. 19 accepted. 2 Sep. 19 | N. Y. 19 Feb. 79 |
| Speidel, William, 28 Nov. 19 | bat. adj. | 1 lt. 12 bat. u. s. guards. 20 May 18 asst. camp adj., camp Dix. 1 Feb. 19 hon. dis. 31 Oct. 19 | pvt. h. c., 74 inf. 19 Mar. 00 corp. 23 May 04 to co. G, 65 inf. 20 Feb. 05 1 lt. 65 inf. 30 June 05 cap. 3 Jan. 12 accepted. 5 Jan. 12 full and hon. dis. 5 Feb. 14 r. l. 27 Aug. 17 hon. dis. 30 July 18 cap. 65 f. a. 28 Nov. 19 accepted. 29 Nov. 19 | N. Y. 19 Aug. 80 |
| Gaskin, William J., 29 Dec. 19 | B | pvt. 22 batty. f. a. u. s. 23 Oct. 04 discharged. 23 Oct. 07 re-enlisted. 5 Sep. 08 batt. B, 6 f. a. u. s. 10 Feb. 10 dis. 10 Feb. 10 mustered into u. s. ser. 6 Dec. 16 out 17 Mar. 17 into 15 July 17 1 lt. 106 f. a., 5 Aug. 18 cap. 102 am. tr., 3 Nov. 18 hon. dis. 11 Apr. 19 | 2 lt. 12 Nov. 16 accepted. 15 Nov. 16 dft. 5 Aug. 17 1 lt. 65 inf. 7 July 19 1 lt. 65 f. a. 1 Aug. 19 cap. 29 Dec. 19 accepted. 5 Jan. 20 | N. Y. 24 Mar. 83 |
| <i>First Lieutenants</i> | | | | |
| McDougall, Philip Sidney, 23 Nov. 17 | A | ..... | pvt. co. C, 65 inf. 14 Jan. 07 dropped. 8 Apr. 07 taken up. 6 Mar. 16 1 lt. 65 inf. 26 June 16 r. l. 10 Aug. 16 1 lt. 3 f. a. 23 Nov. 17 1 lt. 65 inf. 24 May 18 accepted. 3 June 18 cap. N. G. R. 11 July 19 1 lt. 65 f. a. 1 Aug. 19 accepted. 5 Sep. 19 | N. Y. 21 Nov. 82 |
| St. Clair, Milton H., 14 Jan. 18 | D | corp. o. t. c. 15 May 17 2 lt. 309 f. a., 1 Aug. 17 1 lt. 14 Jan. 18 hon. dis. 2 June 19 | pvt. batty. F, 3 f. a. 18 June 16 hon. dis. 15 May 17 1 lt. 65 f. a. 31 Oct. 19 accepted. 24 Nov. 19 | Mass. 20 Dec. 95 |

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Gatza, John W., 30 jan. 18 | C | u. s. a., aug. 8, 1904 to oct. 30, 1906. | 1 lt. 3 f. a., N. Y. G. 30 jan. 18 to 4 feb. 18 1 lt. 65 inf., N. Y. G. 24 may 18 | Ill. 4 feb. 84 |
| Francis, Guilford Wilson, 29 july 18 | hdq. co. | mustered into u. s. ser. 5 aug. 16 resigned. 15 nov. 16 | 1 lt. 65 f. a. 1 aug. 19 accepted. 5 sep. 19 pvt. 13 sep. co. 9 nov. 01 dropped. 11 may 03 taken up, co. C, 65 regt. 16 nov. 03 corp. 12 dec. 04 2 lt. co. C, 65 regt. 24 dec. 04 1 lt. 23 sep. 07 f. and h. dis. 30 apr. 06 2 lt. 8 feb. 16 2 lt. 3 f. a. 11 july 16 1 lt. f. a. 30 july 16 1 lt. 65 inf., N. Y. G. 29 july 18 1 lt. 65 f. a. 1 aug. 19 accepted. 20 sep. 19 | N. Y. 30 apr. 77 |
| Wilgus, Laurens E., 8 nov. 18 hon. dis. 17 may 19 | A | | 2 lt. 3 f. a. 4 dec. 17 accepted. 10 dec. 17 2 lt. 65 inf. 24 may 18 1 lt. 8 nov. 18 accepted. 15 nov. 18 | N. Y. 6 dec. 91 |
| Curtiss, Henry Daniel, 26 dec. 18 | batn. adj. | | pvt. batty. F, 3 f. a., N. Y. G. 25 nov. 17 corp. 4 mar. 18 tra. 65 inf., N. Y. G. 24 may 18 batn. sgt. maj. 21 oct. 18 1 lt. 65 inf., N. Y. G. 26 dec. 18 1 lt. 65 f. a. 1 aug. 19 accepted. 5 sep. 19 | Mass. 30 nov. 77 |
| Wright, Sheldon Brooks, 4 mar. 19 | D | mustered into u. s. ser. 5 aug. 16 sgt. 5 aug. 16 out 17 mar. 17 | pvt. co. M, 65 inf., N. G. N. Y. 4 oct. 15 tra. co. B, 65 inf. 12 feb. 16 corp. 5 july 16 dis. 31 may 17 pvt. batty. F, 3 f. a., N. Y. G. 25 nov. 17 1 sgt. 18 feb. 18 2 lt. 3 f. a. 5 mar. 18 2 lt. 65 inf. 24 may 18 1 lt. 4 mar. 19 1 lt. 65 f. a. 1 aug. 19 | N. Y. 25 jan. 89 |
| Webber, John D., 10 sep. 19 | sup. co. | U. S. V. 1 may 99 to 30 apr. 01 2 cav. 1 feb. 02 to 1 jan. 05 3 f. a. 4 feb. 05 to 4 aug. 18 mustered into u. s. ser. 26 dec. 16 out 14 mar. 17 into 23 july 17 cap. 106 f. a. hon. dis. 21 aug. 19 | 2 lt. 28 july 16 1 lt. 4 sep. 16 cap. 16 dec. 16 accepted. 26 dec. 16 dft. 5 aug. 17 1 lt. 65 f. a. 10 sep. 19 1 lt. 65 f. a. 10 sep. 19 accepted. 29 sep. 19 | Mass. 20 aug. 76 |
| Jakubowski, Stanley F., 13 nov. 19 | E | seaman, u. s. navy, 13 sep. 99 hon. dis. 12 sep. 03 | pvt. batty. G, 3 f. a. 12 jan. 18 hon. dis. 27 mar. 18 2 lt. 3 f. a. 5 mar. 18 2 lt. 65 inf. 24 may 18 2 lt. 65 f. a. 1 aug. 19 1 lt. 13 nov. 19 accepted. 14 nov. 19 | N. Y. 5 may 83 |

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants</i> | | | | |
| Gott, Thomas E., 15 july 18 reserve list.... 29 aug. 19 | K | ..... | pvt. co. W, 74 inf.... 19 mar. 18 to 65 inf..... 24 may 18 2 lt. 65 inf..... 15 july 18 accepted..... 24 july 18 | N. Y. 17 feb. 88 |
| Vastola, Samuel J., 20 oct. 18 | F | pvt. 472 eng., 28 june 18 o.t.s..... 16 aug. 18 2 lt. 141 eng., 20 oct. 18 hon. dis. . . 11 dec. 18 | 2 lt. 65 f. a..... 8 nov. 19 accepted..... 10 nov. 19 | N. Y. 20 jan. 90 |
| Williams, Irving, Jr., 18 dec. 18 | B | m. d. Fr. Army..... to oct., 17. sgt. d. b., camp Dix, may to sep., 18. 2 lt. f. a. . . 18 dec. 18 | 2 lt. 65 f. a..... 13 nov. 19 accepted..... 14 nov. 19 | N. Y. 14 may 96 |
| Wilson, Kirke R., 24 dec. 18 hon. dis. . . . 21 june 19 | B | ..... | pvt. co. B, 65 inf. . . . 25 nov. 17 mess sgt..... 29 apr. 18 2 lt. 65 inf..... 24 dec. 18 accepted..... 3 jan. 19 | N. Y. 14 july 89 |

EIGHTH COAST DEFENSE COMMAND

Headquarters, 29 West Kingsbridge Road, New York City

Organized as a Depot Battalion, 8th Coast Artillery, N. G., N. Y., and 1st Company was mustered into State service September 13, 1917, as 8th C. A. C. By S. O. 245, A. G. O., September 28, 1917, the following companies of the 10th Infantry were transferred to this regiment: Co. G, Yonkers, September 27, 1917; Co. H, Mt. Vernon, November 30, 1917; Co. L, White Plains, November 27, 1917.

Mustered into the New York Guard on dates as follows: 1st, 2d and 3d Companies, November 19, 1917; 4th Company, November 19, 1917; 5th Company, December 4, 1917; 6th Company, November 21, 1917; 8th Company, December 17, 1917; G Company (9th), December 6, 1917; H Company (10th) December 21, 1917; 11th Company, November 27, 1917; L Company (12th), December 4, 1917; 13th, 14th, 15th, 16th Companies, November 9, 1917.

5th Company, located at Far Rockaway, detached and assigned to 13th Coast Artillery Corps, November 9, 1917 (S. O. 284, A. G. O.)

7th Company, January 4, 1918. New 8th Company, February 15, 1918. Authorized to organize a regiment, January 25, 1918.

January 15, 1918, the companies were re-numbered as follows (S. O. 12, A. G. O.):

1st Company to be 1st Company.
2d Company to be 2d Company.
3d Company to be 3d Company.
9th Company to be 4th Company.
8th Company to be 5th Company.
10th Company to be 6th Company.
7th Company to be 7th Company.
8th Company (new) to be 8th Company.
G Company to be 9th Company.
H Company to be 10th Company.
L Company to be 11th Company.
4th Company to be 12th Company.

March 13, 1918, Companies I, K, L and M, 22d Engineers, detached and assigned to 8th Coast Defense Command; and re-numbered as follows (S. O. 65, A. G. O.):

Company I to be 13th Company.
Company K to be 14th Company.
Company L to be 15th Company.
Company M to be 16th Company.

August 7, 1919 (G. O. 22, A. G. O.), designation was changed to Coast Defense Command, and the following changes made:

Headquarter and Supply Companies, mustered out, October 31, 1919; 9th, 10th, 11th and 12th Companies detached and transferred to 1st Infantry, N. Y. G.:

1st Company to be 25th Company.
2d Company to be 26th Company.
3d Company to be 27th Company.
4th Company to be 28th Company.
5th Company to be 29th Company.
8th Company to be 30th Company.
7th Company to be 31st Company.
5th Company to be 32d Company.
13th Company to be 33d Company.
14th Company to be 34th Company.
15th Company to be 35th Company.
16th Company to be 36th Company.

Station of the last four changed from Mt. Vernon to New York Armory.

Authority has been granted to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Fort Gansevoort, 1812; Fort Greene, 1812; Washington, April, 1861; Bull Run, July 21, 1861; Yorktown, 1862; Gettysburgh campaign, 1863; Spanish-American War, 1898; World War, 1917.

On the State Color.—Flour riots, 1826; stonecutters' riot, 1835; great fire, New York city, 1845; Astor Place riot, 1849; police riot, 1857; Dead Rabbit riot, 1857; Sepoy riot, 1858; Camp Corcoran Legion, 1862; draft riots, 1863; Orange riots, 1871; Syracuse, 1877; Brooklyn, 1895.

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Colonel | | | | |
| Austin, Elmore Farrington, 24 feb. 08 W. D. Cert. in course Nos. 1 (Basic), 2, (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer), and 6 (Fire and Battle Commander). | | cap. 71 N. Y. inf., 2 may 98 to 15 nov. 98 mustered into u. s. ser..... 22 July 17 col. 57 c. a. c. hon. dis... 14 feb. 19 | pvt., corp., agt., ord. agt., co. B, 71 inf. . 29 nov. 87 to 14 may 94 insp. rifle practice, cap. 14 may 94 cap. (L) with o. r. . . 30 apr. 98 eng. maj. 5 brig. . . 1 dec. 98 supn. 1 July 01 assigned to duty 1 brig. 1 July 01 eng. 1 brig. maj. with o. r. 19 nov. 01 supn., reassigned. . . 21 jan. 08 col. c. a. c. 26 mar. 08 chief, c. a. brig. gen. 18 jan. 12 assigned to com. 8 arty. dist. in addi- tion to other duties. 18 jan. 12 col. c. a. c. 5 may 14 dft. 5 aug. 17 col. 8 c. d. c. 7 aug. 19 accepted. 8 aug. 19 | N. Y. 9 may 64 |
| Colonel | | | | |
| Teets, Sylvanus Gibson, 27 mar. 18 reserve list..... 7 aug. 19 | | | 2 lt. (E), 8 regt. 19 apr. 04 cap. 21 mar. 05 supn. 10 dec. 06 assigned 33 co. c. a. c. 19 nov. 08 cap. c. a. c. 4 june 09 a. d. c. to gov. 1 jan. 13 to 31 dec. 14 retired 30 june 15 maj. d. b. 14 june 17 maj. 8 c. d. c. 5 sep. 17 colonel. 27 mar. 18 accepted 30 mar. 18 | N. Y. 26 aug. 63 |
| Lieutenant Colonel | | | | |
| Loeser, Paul, 11 may 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer), and 6 (Fire and Battle Commander). | | mustered into u. s. ser..... 22 July 17 hon. dis. 28 feb. 19 | pvt. co. C, 7 inf. 14 apr. 00 to 23 may 05 1 lt. (K), 8 regt. 23 may 05 cap. 19 dec. 07 cap. c. a. c. 23 jan. 08 maj. 11 oct. 08 lt. col. 11 may 17 accepted 12 may 17 dft. 5 aug. 17 lt. col. 8 c. d. c. 18 sep. 19 accepted 20 sep. 19 | N. Y. 21 nov. 80 |
| Lieutenant Colonel | | | | |
| Hegeman, John Comstock, 10 apr. 18 reserve list 11 July 19 | | | pvt. field hos. 3 dec. 06 agt. 25 may 08 2 lt. coast arty. corps . 3 feb. 10 rank from 21 jan. 10 1 lt. 31 may 11 1 lt. 8 c. d. c. N. Y. G. . 5 sep. 17 cap. 26 oct. 17 lt. col. 10 apr. 18 accepted 12 apr. 18 | N. Y. 18 may 84 |
| Majors | | | | |
| Hayes, James Patrick, 20 nov. 17 reserve list..... 17 sep. 19 | | | pvt. 47 regt., inf. 30 mar. 78 full and hon. dis. 20 may 02 pvt. 7 regt., inf. 26 dec. 96 full and hon. dis. 20 may 02 pvt. cos. A, D, B, 7 inf. — june 16 pvt. co. A, 7 inf., N. Y. G. 20 aug. 17 maj. 22 eng. N. Y. G. . 20 nov. 17 maj. 8 c. d. c. 13 mar. 18 accepted 15 mar. 18 | Ire. 30 mar. 57 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|---|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors—Concluded</i> | | | | |
| Weeks, Frederick Eugene, 7 feb. 18 reserve list.... 3 dec. 19 | | | pvt. co. C, 71 regt. 9 oct. 96 corp. 2 may 98 asst. a. g. 8 dec. 98 cap. depot bat., 10 inf. 28 june 16 cap. 8 c. a. c. 23 nov. 17 with rank from. 28 june 16 maj. 8 c. d. c. 7 feb. 18 accepted. 11 feb. 18 | N. Y. 4 oct. 70 |
| Nugent, Charles Francis, 25 apr. 18 f. and h. dis. . . . 11 oct. 18 | | Enrolled. . . 12 july 98 and mustered in as 1 lt. 203 regt., N. Y. Vols. . . . 19 july 98 dis. 25 mar. 99 | pvt. 4 sep. co. 6 sep. 94 corp. 18 oct. 87 1 agt. 3 may 1 agt. 22 nov. 90 1 lt. 7 may 97 cap. 22 nov. 01 resigned. 31 may 05 2 lt. (E) 8 regt. 17 oct. 05 supn. 10 dec. 06 2 lt. (A) 8 regt. 32 jan. 08 with rank from. 17 oct. 06 cap. c. a. c. 13 oct. 08 with rank from. 28 sep. 08 bvt. maj. 10 mar. 11 resigned. 7 may 12 r. l. cap. 6 july 17 cap. 8 c. a. c. 5 sep. 17 maj. 8 c. d. c. 25 apr. 18 accepted. 27 apr. 18 | N. Y. 12 july 66 |
| Johnson, Reginald Hacombe 23 may 18 reserve list. . . . 11 july 19 | | | pvt. co. K, 7 inf. 30 oct. 01 corp. 22 dec. 05 agt. 30 oct. 08 1 agt. 10 jan. 11 full and hon. dis. 30 oct. 13 1 lt. 8 c. a. c. N. Y. G. 5 sep. 17 cap. 23 nov. 17 maj. 23 may 18 accepted. 24 may 18 | N. Y. 19 oct. 83 |
| Webster, Carlos Green, 5 oct. 18 | | pvt. co. G, 5 Ohio N. G. 9 may 88 corp. 26 feb. 90 agt. 8 oct. 94 cap. 25 may 95 resigned. 10 apr. 97 | cap. 8 c. a. c., N. Y. G. 24 jan. 18 maj. 8 c. a. c., N. Y. G. 5 oct. 18 accepted. 18 oct. 18 | Ohio 20 feb. 72 |
| Day, Arthur Mortimer, 19 nov. 19 | | mustered into u. s. a. ser. 22 july 17 hon. dis. . . . 14 feb. 19 | pvt. tr. 1, sq. A. 23 mar. 97 dropped. 24 oct. 97 2 lt. c. a. c. 26 oct. 08 with rank from. 21 oct. 08 1 lt. 30 dec. 08 with rank from. 23 dec. 08 cap. 13 may 10 with rank from. 2 may 10 full and hon. dis. 18 june 13 cap. r. l. 19 may 15 cap. c. a. c. 28 june 16 accepted. 28 june 16 dft. 5 aug. 17 cap. 8 c. d. c. 12 sep. 19 maj. 19 nov. 19 accepted. 21 nov. 19 | N. Y. 9 mar. 74 |
| Trull, William Evans, 9 dec. 19 W. D. Cert. in course No. 1 (Basic). | | 2 lt. 71 N. Y. inf., 10 may 98 to 15 nov. 98 mustered into u. s. a. ser. 22 july 17 hon. dis. . . . 12 july 19 | pvt. corp., co. B, 71 inf., bat. qm. agt., rgt. qm. agt. 7 apr. 92 to 26 apr. 96 2 lt. c. a. c. 16 july 13 cap. 1 july 15 accepted. 1 july 15 dft. 5 aug. 17 maj. 8 c. d. c. 9 dec. 19 accepted. 12 dec. 19 | W. Va. 26 sep. 73 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|---------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains | | | | |
| Schussler, Ferdinand Conrad, 22 dec. 13 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Commu- nication Officer), 4 (Battery Commander) and 5 (Searchlight Of- ficer). | 27 | mustered into u. s. ser. 22 July 17 hon. dis. 25 May 18 | pvt., co. K, 171 inf., trs. co. K, 71 inf., corp., sgt. 15 May 98 to 26 Feb. 10 2 lt. c. a. c. 26 Feb. 10 1 lt. 28 June 11 cap. 22 Dec. 13 accepted. 29 Dec. 13 ift. 5 Aug. 17 cap. 8 c. d. c. 24 Sep. 19 accepted. 25 Sep. 19 | N. J. 27 June 74 |
| Tannenbaum, Julius, 8 Aug. 16 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Commu- nication Officer). | sup. off. | mustered into u. s. ser. 22 July 17 hon. dis. 14 Jan. 19 | pvt., asst. hosp. stwd. hosp. stwd. h. c., 8 regt. 9 July 99 to 6 Feb. 06 2 lt. (G), 8 regt. 6 Feb. 06 1 lt. (G), 8 bat. 8 May 07 cap. c. a. c. 3 June 08 1 lt. 10 Mar. 10 cap. 7 June 12 1 lt. 9 Mar. 15 cap. 8 Aug. 16 accepted. 9 Aug. 16 ift. 5 Aug. 17 cap. 8 c. a. c. 27 Oct. 19 accepted. 31 Oct. 19 | Russia 1 May 71 |
| Fieux, Ernest Daniel, 14 July 17 | arty. eng. | mustered into u. s. ser. 22 July 17 hon. dis. 20 Feb. 19 | pvt. 30 co. c. a. c. 4 Oct. 15 elect. sgt. 1 cl. 3 Mar. 15 2 lt. c. a. c. 6 June 16 1 lt. 21 Nov. 16 cap. 14 July 17 accepted. 11 July 17 ift. 5 Aug. 17 cap. 8 c. a. c. 4 Oct. 19 accepted. 6 Oct. 19 | N. Y. 28 Feb. 85 |
| Ludlow, George Richard, 20 Nov. 17 f. and h. dis. 29 Nov. 19 | 35 | mustered into u. s. ser. 26 June 18 out 9 Nov. 18 | pvt. co. H, 7 inf., N. Y. N. G. 5 June 11 corp. 12 Dec. 13 agt. 20 Dec. 16 1 agt. 16 full and hon. dis. 15 June 16 re-enlisted. 20 June 16 dis. 9 Nov. 16 cap. 22 eng., N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 21 Mar. 18 | N. Y. 5 Aug. 86 |
| Duke, Elsa Woodward, 20 Nov. 17 hon. dis. 15 Dec. 19 | 33 | ..... | pvt. co. K, 4 Mo. inf. 1895-1897 cap. co. K, 4 Mo. inf. 1906-1910 cap. 22 eng. N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 23 Mar. 18 | Mo. 4 Feb. 82 |
| Watt, Charles Matthew, 20 Nov. 17 | 34 | ..... | cap. 22 eng., N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 15 Mar. 18 | Pa. 2 Aug. 88 |
| Hull, Frank Irving, 20 Nov. 17 reserve list. 29 Nov. 19 | 36 | ..... | cap. 22 reg. eng. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 16 Mar. 18 | N. Y. 26 Mar. 81 |

COAST ARTILLERY CORPS — EIGHTH COAST DEFENSE COMMAND — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|--|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Luckhurst, Charles A., 27 nov. 17 | 26 | pvt. 7 co., Conn. N. G. 5 oct. 11 sgt. 8 june 12 2 lt. 9 co. 25 mar. 13 1 lt. 9 june 14 dft. 5 aug. 17 cap. 27 nov. 17 maj. 34 c. a. c., 15 oct. 18 hon. dis. 14 jan. 19 | 1 lt. 8 c. d. c. 9 sep. 19 cap. 15 dec. 19 accepted. 19 dec. 19 | N. Y. 19 oct. 79 |
| Walker, Stuart H., 3 jan. 18 reserve list.... 1 dec. 19 | 29 | ..... | pvt. co. H, 7 inf. 6 jan. 99 corp. 6 june 01 full and hon. dis. 30 aug. 04 pvt. d. b. co. A, 7 inf. 27 june 16 full and hon. dis. 2 aug. 17 2 lt. 8 c. a. c. 5 sep. 17 cap. 3 jan. 18 accepted. 7 jan. 18 | Ky. 27 sep. 78 |
| De Fritch, Hugo Gibert, 5 mar. 18 hon. dis. 29 oct. 19 | sup. co. | ..... | 2 lt. 8 c. a. c. 20 nov. 17 cap. 5 mar. 18 accepted. 8 mar. 18 | N. Y. 26 oct. 86 |
| Scherrer, Arthur Dway, 17 apr. 18 | 30 | ..... | 2 lt. 8 c. a. c., N. Y. G. 12 jan. 18 cap. 17 apr. 18 accepted. 19 apr. 18 | N. Y. 26 dec. 86 |
| Gibbs, Edward C., 17 apr. 18 reserve list.... 6 jan. 19 | 32 | ..... | 1 lt. 8 c. d. c. 12 jan. 18 cap. 17 apr. 18 accepted. 19 apr. 18 to 1 prov. regt. 24 apr. 18 | Poland 16 mar. 82 |
| Welsh, Henry Bradshaw, 15 may 18 reserve list.... 10 jan. 19 | 25 | 1 lt 14 N. Y. V., 17 may to 21 june 98 | pvt. co. B, 7 regt. 30 oct. 86 dropped. 18 nov. 87 taken up. 4 june 88 dropped. 31 aug. 89 taken up. 21 jan. 95 dropped. 10 june 95 taken up. 16 oct. 96 dropped. 31 dec. 96 taken up. 11 feb. 97 dropped. 25 may 97 taken up. 13 oct. 97 dropped. 22 sep. 98 1 lt. r. l. 1 july 18 1 lt. 9 c. a. c. 5 sep. 17 accepted. 15 sep. 17 tra. to 8 c. d. c. 26 sep. 17 cap. 8 c. d. c. 15 may 18 accepted. 16 may 18 | N. Y. 19 july 67 |
| Winchester, Henry Carroll, Jr., 3 june 18 reserve list.... 19 sep. 19 | 27 | ..... | pvt. co. K, 7 inf. 2 jan. 07 dropped. 21 oct. 14 2 lt. 8 c. a. c. 23 nov. 17 1 lt. 17 jan. 18 cap. 3 june 18 accepted. 5 june 18 | Md. 25 apr. 85 |
| Kephart, William H., 16 july 18 | chap. | ..... | cap. 8 c. a. c. 16 july 18 accepted. 25 july 18 | Md. 1 oct. 84 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Lynch, Leslie Otis, 19 oct. 18 | 28 | ..... | pvt. depot co. L, 10 inf., N. G. N. Y. 30 june 16 sgt. 25 aug. 17 trans. 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 28 feb. 18 1 lt. 2 aug. 18 cap. 8 c. a. c., N. Y. G. 19 oct. 18 accepted 24 oct. 18 | N. Y. 18 oct. 74 |
| Zehren, A. Felix, 30 oct. 18 reserve list. . . . 9 dec. 19 | 26 | Russo-Jap. War, 2 lt cav. Russian army, 1905-1906. | 2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 1 lt. 17 apr. 18 cap. 30 oct. 18 accepted 4 nov. 18 | Russia 23 oct. 87 |
| Fox, Maskell Ewing, 4 dec. 18 | 31 | ..... | 1 lt. 8 c. a. c., N. Y. G. 28 feb. 18 cap. 8 c. a. c., N. Y. G. 4 dec. 18 accepted 6 dec. 18 | N. Y. 14 dec. 84 |
| Snider, John Noble, 8 jan. 19 f. and h. dis. . . 23 apr. 19 | 1 | mustered into u. s. ser. 26 june 16 fur. to n. g. r., 10 sep. 18 | pvt. 7 inf. 16 oct. 11 corp. 10 apr. 14 sgt. 27 june 16 hon. dis. 14 june 17 1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. a. c. 13 mar. 18 accepted. 15 mar. 18 full and hon. dis. . . . 1 nov. 18 cap. 8 c. d. c. 8 jan. 19 accepted 10 jan. 19 | N. Y. 4 aug. 86 |
| Quinn, John P., 13 jan. 19 | 32 | ..... | pvt. co. D, 12 regt., N. G. N. Y. 7 mar. 07 corp. 20 dec. 09 sgt. 16 mar. 11 full and hon. dis. . . . 8 apr. 12 2 lt. 8 c. a. c., N. Y. G. 8 july 18 1 lt. 14 oct. 18 cap. 13 jan. 19 accepted. 15 jan. 19 | N. Y. 23 aug. 89 |
| Lord, Charles Clifford, 27 june 19 | 25 | ..... | pvt. 22 eng., N. Y. G. 16 oct. 17 trans to 8 c. a. c., N. Y. G. 13 mar. 18 1 agt. 1 lt. 8 c. a. c., N. Y. G. 13 dec. 18 cap. 27 june 19 accepted. 28 june 19 | Can. 6 may 77 |
| Davis, Walter V., 9 july 19 reserve list. . . . 12 sep. 19 | adj. | ..... | pvt. 10 inf. 8 mar. 07 corp. 16 june 09 acting qm. agt. dropped. 1 mar. 10 taken up. 18 jan. 11 corp. 20 jan. 12 agt. 15 nov. 12 full and hon. dis. . . . 30 jan. 16 re-enlisted. 6 mar. 16 acting 1 agt. hon. dis. 19 july 17 1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. a. c. 13 mar. 18 cap. 9 july 19 accepted. 11 july 19 | N. Y. 21 oct. 84 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Meinecke, Otto J., 3 dec. 19 | adjt. | pvt. 112 N. Y. vols. 6 june 98 disbanded 10 jan. 99 mustered into u. s. ser. 22 july 17 hon. dis. ... 2 aug. 19 | pvt. co. C, 22 engs. . . 9 apr. 00 corp. 24 oct. 04 sgt. 22 may 05 1 sgt. 10 apr. 07 full and hon. dis. . . 28 dec. 08 pvt. 8 c. d. c. 12 apr. 09 sgt. maj., jr. gd. 12 apr. 09 sgt. maj., sr. gd. 8 may 11 2 lt. c. a. c. 4 apr. 16 1 lt. 16 aug. 16 accepted. 23 aug. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 13 sep. 19 cap. 3 dec. 19 accepted. 10 dec. 19 | N. Y. 20 jan. 77 |
| Gavit, Walter P., 5 dec. 19 | 36 | mustered into u. s. ser. 22 july 17 to cap. c. a. c., 27 nov. 17 hon. dis. ... 14 dec. 18 | pvt. 8 c. a. c. 1 oct. 15 master eltrn. 8 nov. 15 2 lt. c. a. c. 6 apr. 16 1 lt. 19 aug. 16 accepted. 25 aug. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 6 sep. 19 cap. 5 dec. 19 accepted. 10 dec. 19 | N. Y. 25 june 86 |
| Scotfield, Thomas, 5 dec. 19 | 35 | mustered into u. s. ser. 22 july 17 1 lt. c. a. c. 7 feb. 18 cap. 2 nov. 18 hon. dis. ... 11 dec. 18 | pvt. 36 co. 28 june 16 2 lt. 8 dec. 16 accepted. 8 dec. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 4 oct. 19 cap. 5 dec. 19 accepted. 10 dec. 19 | N. Y. 22 aug. 85 |
| Doll, Clarence E., 20 dec. 19 | 33 | mustered into u. s. ser. 22 july 17 hon. dis. ... 11 feb. 19 | pvt. co. E, 7 inf. . . . 1 may 14 2 lt. c. a. c. 26 may 16 1 lt. 7 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 1 lt. 8 c. d. c. 24 sep. 19 cap. 20 dec. 19 accepted. 22 dec. 19 | N. Y. 30 mar. 85 |
| <i>First Lieutenants</i> | | | | |
| Callender, William Edwin, Jr., 16 sep. 16 | 25 | mustered into u. s. ser. 22 july 17 hon. dis. ... 31 oct. 18 | pvt. co. G, 7 inf. . . . 10 oct. 10 to 13 oct. 11 pvt., sgt. 27 sep. 12 to 21 dec. 15 2 lt. 21 dec. 15 1 lt. 16 sep. 16 accepted. 20 sep. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 18 oct. 19 accepted. 24 oct. 19 | N. Y. 11 jan. 90 |
| Higgs, Clarence Wilson, 21 july 17 reserve list. 13 feb. 19 | 10 | ..... | pvt. co. H, 10 inf. . . . 6 apr. 08 corp. 23 jan. 11 sgt. 19 jan. 12 full and hon. dis. 22 june 12 re-enlisted. 21 apr. 13 corp. 20 nov. 14 full and hon. dis. 17 may 15 re-enlisted. 19 may 15 sgt. 17 feb. 16 hon. dis. 24 july 16 1 lt. d. b., 10 inf. 21 july 17 tra. to 8 c. a. c. 26 sep. 17 1 lt. with o. r. 23 nov. 17 accepted. 30 nov. 17 1 prov. regt. 22 jan. 18 relieved. 31 jan. 19 | N. Y. 21 nov. 84 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Cont'd</i> | | | | |
| Hahnel, Casper W., 15 aug. 17 f. and h. dis. . . . 29 nov. 19 | 36 | 1 lt. 103 inf., 14 aug. 17 hon. dis. . . . 3 dec. 18 | pvt. co. H, 10 inf. . . . 1 apr. 07 dropped 4 feb. 08 taken up 27 jan. 10 full and hon. dis. . . . 16 sep. 11 pvt. co. H, 10 inf. . . . 10 may 11 full and hon. dis. . . . 13 mar. 15 pvt. co. H, 10 inf. . . . 20 sep. 15 hon. dis. 2 june 17 1 lt. 8 c. d. c. 23 may 19 accepted 29 may 19 | N. Y. 22 july 85 |
| Redmond, Edward Francis, 20 nov. 17 | 36 | ..... | 1 lt. 22 eng. 20 nov. 17 accepted 27 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 15 mar. 18 | N. Y. 19 nov. 79 |
| Breck, Charles Wesley, 20 nov. 17 hon. dis. 3 mar. 19 | 36 | ..... | 1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 20 mar. 18 | N. Y. 10 june 81 |
| Earl, Ralph Waldo, 20 nov. 17 hon. dis. 22 sep. 19 | 35 | ..... | 1 lt. 22 eng. 20 nov. 17 accepted 23 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 22 mar. 18 | N. Y. 4 dec. 86 |
| Pennefather, John Raymond, 23 nov. 17 reserve list. . . . 27 feb. 19 | 26 | ..... | pvt. 30 co., 8 c. d. c. . . 2 june 15 corp. gun pointer . . . 24 june 16 resigned 13 apr. 17 2 lt. 10 apr. 17 dis. account of physical disability . . . 4 june 17 r. l. 29 june 17 2 lt. 8 c. a. c. 5 sep. 17 1 lt. 23 nov. 17 accepted 3 dec. 17 | ..... |
| Bostwick, Silas B., Jr., 23 may 18 | 29 | ..... | pvt. co. B, 7 regt. 15 oct. 03 corp. 6 june 07 sgt. 22 july 12 f. and h. dis. 25 june 14 re-enl. co. B. 4 apr. 16 f. and h. dis. 1 apr. 16 pvt. co. C, depot batn., 7 inf. 26 june 16 hon. dis. 14 nov. 17 pvt. co. C, 7 inf., N. Y. G. 14 nov. 17 corp. 7 aug. 17 sgt. 18 jan. 18 1 lt. 8 c. a. c., N. Y. G. 23 apr. 18 accepted 24 apr. 18 | N. Y. 10 july 75 |
| Phelps, Walter Edwin, 23 may 18 reserve list. . . . 30 june 19 | bat. adj. | ..... | pvt. 2 co. 8 c. a. c., N. Y. G. 19 nov. 17 batn. sgt. maj. 25 apr. 18 regt. sgt. maj. 17 may 18 1 lt. 8 c. a. c., N. Y. G. 23 may 18 accepted 24 may 18 | N. Y. 6 mar. 81 |
| Wells, James Lee, Jr., 31 may 18 reserve list. . . . 13 aug. 19 | 27 | ..... | 2 lt. 8 c. a. c. 26 dec. 17 1 lt. 31 may 18 accepted 3 june 18 | N. Y. 4 feb. 99 |
| Leeney, William Lewis, 19 june 18 hon. dis. 27 feb. 19 | bat. adj. | ..... | pvt. depot unit, co. L, 10 regt. 28 june 17 trs 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 8 c. a. c., N. Y. G. 15 may 18 1 lt. 19 june 18 accepted 22 june 18 | Eng. 4 mar. 84 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Cont'd</i> | | | | |
| McKeon, Jas. Edw., Jr., 15 aug. 18 hon. dis. 27 feb. 19 | bat. adj. | ..... | pvt. 7 co. 8 c. a. c., N. Y. G. 21 dec. 17 tra. supply co. 7 feb. 18 sup. sgt. 15 apr. 18 1 lt. 8 c. a. c., N. Y. G. 15 aug. 18 accepted 19 aug. 18 | N. Y. 22 mar. 88 |
| Meyer, Emanuel L., 29 aug. 18 | 30 | 2 lt. c. a., r. c., 24 nov. 17 1 lt. 29 aug. 18 cap. 24 oct. 19 hon. dis. 24 oct. 19 | pvt. 33 co. 8 c. d. e. 22 may 11 corp. 12 july 12 obs. 1 cl. — 13 sgt. 24 apr. 14 f. and h. dis. 22 may 15 1 lt. 8 c. d. e. 29 dec. 19 accepted 7 jan. 20 | N. Y. 15 sep 92 |
| Loughran, William J., 20 sep. 18 | 35 | mustered into u. s. ser. 22 july 17 | pvt. 32 co. 27 apr. 08 corp. 13 june 11 sgt. 22 may 12 full and hon. dis. 8 mar. 15 re-enlisted. 8 mar. 15 2 lt. 13 july 17 accepted 14 july 17 dft. 5 aug. 17 2 lt. 8 c. a. c. 20 sep. 18 hon. dis. 1 apr. 19 | ..... |
| Glaser, Wm. C. D., 30 oct. 18 reserve list. . . . 11 oct. 19 | 33 | ..... | 2 lt. 22 eng. N. Y. G. 28 nov. 17 2 lt. 8 c. a. c., N. Y. G. 13 mar. 18 tra. to 13 co. 1 lt. 8 c. a. c., N. Y. G. 30 oct. 18 accepted 2 nov. 18 | Pa. 28 sep. 87 |
| Clapp, Frank Austin, 12 nov. 18 reserve list. . . . 22 dec. 19 | 28 | ..... | pvt. 4 co. 8 c. a. c., N. Y. G. 4 dec. 17 2 lt. 8 c. a. c., N. Y. G. 15 aug. 18 1 lt. 12 nov. 18 accepted 15 nov. 18 | Me. 15 apr. 82 |
| Sisson, Lewis Edmund, 13 dec. 18 reserve list. . . . 30 june 19 | ..... | ..... | pvt. co. L, 7 inf. 23 mar. 10 dropped 21 jan. 13 pvt. co. L, 7 inf., N. Y. G. 14 nov. 17 2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 1 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 18 | N. Y. 16 july 84 |
| Bishop, Russell Stuart, 24 feb. 19 | 34 | ..... | seaman, 1 batn., N. M. N. Y. 7 apr. 08 full and hon. dis. 21 apr. 13 pvt. 2 co. 8 c. a. c., N. Y. G. 21 nov. 17 corp. 24 jan. 18 supply sgt. 15 apr. 18 2 lt. 8 c. a. c., N. Y. G. 18 july 18 1 lt. 24 feb. 19 accepted 3 mar. 19 | N. Y. 15 dec. 89 |
| Pease, Alan W., 12 june 19 | bat. adj. | ..... | pvt. co. K, 7 inf. 31 may 18 1 lt. 8 c. a. c. 12 june 19 accepted 14 june 19 | Vt. 10 june 87 |
| Illich, Louis Luke, 11 aug. 19 | 25 | Plattsburg, 7 r., 1916 | 2 lt. 8 c. a. c., N. Y. G. 27 july 18 1 lt. 11 aug. 19 accepted 8 sep. 19 | N. Y. 13 mar. 83 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | OgH-pany | Service | | Born |
|---|-------------|---|--|----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Livingston, Robert, 27 oct. 19 name changed from Robert L. Weibezahl, 9 sep. 19 | 29 | mustered into u. s. ser. 22 July 17 1 lt. c. a. c. 9 nov. 18 hon. dis. ... 25 may 19 | pvt. co. B, 69 inf. — jan. 06 to 23 mar. 06 pvt. 5 co. 13 c. d. c. ... 20 apr. 09 to 15 mar. 10 pvt. 26 co. 8 c. d. c. ... 25 aug. 15 to 5 dec. 16 2 lt. 6 dec. 16 accepted. 8 dec. 16 dft. 5 aug. 17 2 lt. 8 c. a. c. 19 sep. 19 1 lt. 27 oct. 19 accepted. 7 nov. 19 | N. Y. 19 mar. 84 |
| Purcell, Thomas E., Jr., 5 dec. 19 | 31 | mustered into u. s. ser. 22 July 17 re signed. 15 jan. 18 | pvt. 8 c. d. c. 26 jan. 16 2 cl. gunner. 18 mar. 16 1 cl. gunner. 20 apr. 16 2 cl. observer. 19 may 16 corp. 17 mar. 16 2 lt. 26 oct. 16 accepted. 26 oct. 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 6 sep. 19 1 lt. 5 dec. 19 accepted. 12 dec. 19 | N. Y. 25 oct. 89 |
| Farnham, Joseph H., 15 dec. 19 | 34 | mustered into u. s. ser. 22 July 17 1 lt. c. a. c. 19 nov. 17 hon. dis. ... 4 mar. 19 | pvt. 32 co. 5 oct. 15 2 lt. c. a. c. 23 June 16 r. l. 25 Nov. 16 2 lt. 9 c. d. c. 11 may 17 accepted. 12 may 17 to 8 c. d. c. 24 may 17 dft. 5 aug. 17 2 lt. 8 c. d. c. 4 oct. 19 1 lt. 15 dec. 19 accepted. 19 dec. 19 | Mass. 2 dec. 91 |
| Farrell, William James, 31 dec. 19 | 28 | mustered into u. s. ser. 22 July 17 hon. dis. ... 29 apr. 19 | pvt. unassigned, 8 c. d. c. 23 feb. 14 trs. to 34 co. 29 may 14 sgt. 2 July 14 2 lt. c. a. c. 6 June 16 accepted. 7 June 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 20 sep. 19 1 lt. 31 dec. 19 accepted. 2 jan. 20 | N. Y. 21 oct. 91 |
| <i>Second Lieutenants</i> | | | | |
| Codding, Geo. Melvin, 20 nov. 17 reserve list. 26 nov. 19 | 34 | ..... | 2 lt. 22 eng., N. Y. G. 20 nov. 17 2 lt. 8 c. a. c., N. Y. G. 13 mar. 18 accepted. 23 mar. 18 | Mass. 12 dec. 86 |
| Girdner, Claude Lester, 17 apr. 18 reserve list. 24 jan. 19 | 32 | mustered into u. s. ser. 26 June 16 out 2 dec. 17 into 15 July 17 out 23 oct. 17 | pvt. co. C, 7 inf., N. G. N. Y. 23 June 16 dft. 5 aug. 17 2 lt. 8 c. a. c., N. Y. G. 17 apr. 18 accepted. 19 apr. 18 | Mo. 3 July 88 |
| Stern, Harold, 10 may 18 | hqs. co. | ..... | pvt. 14 inf., N. Y. G. 23 jan. 18 2 lt. 8 c. a. c., N. Y. G. 10 may 18 accepted. 15 may 18 | Russia 15 mar. 91 |
| West, Lloyd A., 23 may 18 hon. dis. 5 mar. 19 | sup. co. | ..... | pvt. supply co., 8 c. d. c. 10 sep. 17 2 lt. 8 c. a. c., N. Y. G. 23 may 18 accepted. 27 may 18 | N. J. 27 sep. 92 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Continued</i> | | | | |
| Bremner, John R., 19 june 18 hon. dis. 3 feb. 19 | 12 | ..... | 2 lt. 8 c. a. c., N. Y. G. 19 june 18 accepted 22 june 18 | Scot. 8 nov. 70 |
| Jackson, Edward C., 26 june 18 | 25 | mustered into u. s. a. ser. 15 june 17 2 lt. 6 a. a. batn., 26 june 18 hon. dis. ... 8 mar. 19 | pvt. 29 co., 8 c. d. c. ... 6 apr. 17 dft. 5 aug. 17 2 lt. 8 c. d. c. 29 dec. 19 accepted 30 dec. 19 | N. Y. 10 july 97 |
| Field, Samuel E., 3 july 18 hon. dis. 13 feb. 19 | sup. co. | ..... | pvt. depot co. L, 10 inf., N. G. N. Y. 17 july 17 pvt. co. L, 8 c. a. c., N. Y. G. 30 oct. 17 corp. 15 feb. 18 agt. maj. 8 c. a. c., N. Y. G. 14 june 18 2 lt. 8 c. a. c., N. Y. G. ... 3 july 18 accepted 8 july 18 | N. Y. 13 mar. 73 |
| Bayer, Chas. Anthony, 13 sep. 18 reserve list. 19 nov. 19 | sup. co. | ..... | pvt. 22 eng., N. Y. G. 2 nov. 17 tra. 8 c. a. c., N. Y. G. 13 mar. 18 bat. supply agt. 2 lt. 8 c. a. c., N. Y. G. S. 13 sep. 18 accepted 16 sep. 18 | N. Y. 18 feb. 66 |
| Lord, Geo. Martson, 13 dec. 18 reserve list. 29 dec. 19 | 36 | ..... | pvt. 22 eng. N. Y. G. 2 nov. 17 tra. 8 c. a. c., N. Y. G. 13 mar. 18 agt. jan. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 18 | Can. 6 july 80 |
| Fowler, Harold Benedict, 13 dec. 18 reserve list. 25 aug. 19 | 33 | ..... | pvt. 22 eng., N. Y. G. — nov. 17 tra. 13 co. 8 c. a. c., N. Y. G. 13 mar. 18 sup. agt. 13 mar. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 18 dec. 18 | N. Y. 17 mar. 86 |
| Campbell, Archibald Brush, 13 dec. 18 hon. dis. 3 may 19 | 31 | ..... | pvt. co. M, 22 eng., N. Y. G. 30 dec. 17 tra. 16 co. 8 c. a. c., N. Y. G. 13 mar. 18 agt. 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 17 dec. 18 | N. Y. 1 feb. 91 |
| Ferns, Robert M., 13 dec. 18 hon. dis. 23 apr. 19 | 28 | Plattsburg M. T. camp... 8 aug. 16 | pvt. 14 co. 8 c. a. c., N. Y. G. 29 may 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 18 | N. Y. 16 oct. 86 |
| Frederick, Rudolph A., 13 dec. 18 hon. dis. 25 aug. 19 | 30 | sep. 1912 to sep. 1915, amb. co. no. 3, u. s. a. h | pvt. batty. D, 2 f. a., N. G. N. Y. 27 june 12 on. dis. 27 aug. 12 pvt. 6 co. 8 c. a. c., N. Y. G. 3 sep. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 23 dec. 18 | N. Y. 10 apr. 94 |
| Berger, Albert Hall, 28 dec. 18 reserve list. 30 dec. 19 | 29 | marine cps. 15 may 12 to 15 apr. 15 308 inf. 21 sep. 18 to 2 dec. 18 as 1 agt. and 1 lt. | pvt. 5 co. 8 c. a. c., N. Y. G. 3 may 18 1 agt. 12 june 18 2 lt. 8 c. a. c., N. Y. G. 28 dec. 18 accepted 3 jan. 19 | N. Y. 16 nov. 90 |

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Concl'd)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|-----------------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Redmond, Thomas V., 24 jan. 19 | 27 | ..... | pvt. 3 co. 8 c. d. c.... 6 aug. 17 sgt. 25 jan. 18 2 lt. 8 c. d. c. 24 jan. 19 accepted. 27 jan. 19 | N. Y. 20 may 87 |
| Dowd, Thomas A., 24 may 19 | 32 | ..... | pvt. 8 co. 8 c. d. c.... 17 june 18 sgt. 13 jan. 19 2 lt. 8 c. d. c. 24 may 19 accepted. 27 may 19 | N. Y. 5 dec. 89 |
| Carnegie, David, Jr., 16 july 19 | 26 | pvt. 1 bat. res. div. c. w. s.... 9 aug. 18 hon. dis... 6 jan. 19 | pvt. 2 co. 8 c. d. c.... 1 oct. 17 corp. 21 jan. 18 sgt. 27 sep. 18 hon. dis... 9 dec. 18 2 lt. 8 c. d. c. 16 july 19 accepted. 21 july 19 | N. Y. 13 apr. 97 |
| Hansen, Howard A., 15 oct. 19 | asst. sup. off. | mustered into u. s. ser. 22 july 17 1 lt. c. a. c. hon. dis... 14 jan. 19 | pvt. 32 co. 8 c. d. c.... 6 june 12 cpl. 2 may 13 sgt. 2 july 15 1 cl. gunner. 19 dec. 13 plotter. 26 may 16 2 lt. 8 c. d. c. 30 sep. 16 accepted. 3 oct. 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 15 oct. 19 accepted. 20 oct. 19 | N. Y. 27 dec. 93 |

NINTH COAST DEFENSE COMMAND

Organized as a Depot Battalion and transferred to 8th C. A. C., October 6, 1917. G. O. 45 A. G. O.

Reorganized as 9th Regiment, C. A. C., N. Y. G., by transfer to it of the Veteran Corps of Artillery, October 8, 1917. G. O. 46, A. G. O. Mustered into the New York Guard on dates as follows: Field and Staff, November 19, 1917; Headquarters Company, December 21, 1917; Sanitary Detachment, December 12, 1917; Supply Company, November 19, 1917; 1st Company, November 12, 1917; 2d Company, November 12, 1917; 3d Company, November 12, 1917; 4th Company, November 14, 1917; 6th Company, November 13, 1917; 7th Company, November 15, 1917; 8th Company, November 19, 1917; 11th Company, December 5, 1917 (organized as a Home Defense Unit.)

Fifth Company (Far Rockaway), mustered in October 19, 1917; transferred to 8th C. D. C., October 6, 1917; 10th Company, mustered in January 23, 1918; 5th Company, February 14, 1918; 12th Company, January 23, 1918; 5th Company, February 14, 1918; Machine Gun Company, April 29, 1918; 9th Company, May 2, 1918;

August 7, 1919 (G. O. 22, A. G. O.), designation was changed to Coast Defense Command, and the following changes made:

Headquarters Company mustered out November 6, 1919; Machine Gun Company, November 8, 1919; Supply Company, October 15, 1919; 1st Company to be 13th Company; 2d Company to be 14th Company; 3d Company to be 15th Company; 4th Company to be 16th Company; 5th Company to be 17th Company; 6th Company to be 18th Company; 7th Company to be 19th Company; 8th Company to be 20th Company; 9th Company to be 21st Company; 10th Company to be 22d Company; 11th Company to be 23d Company; 12th Company to be 24th Company.

November 8, 1919 (G. O. 30, A. G. O.), the 24th Company was disbanded; and the 12th Company, 13th C. D. C., assigned as the 24th Company.

The regiment was authorized to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—War against Great Britain, 1812-15; New York Harbor, June 22 to December 15, 1812 (North Battery); New York Harbor, September 2, to December 3, 1814 (West Battery); War of the Rebellion, 1861-65; Harper's Ferry, Va., July 4, 1861; Warrenton Junction, Va., April 6, 1862; Warrenton Junction, Va., April 16, 1862; North Fork River, Va., April 18, 1862; Rappahannock River, Va., May 5, 1862; Cedar Mountain, Va., August 9, 1862; Rappahannock River, Va., August 22, 1862; Rappahannock Station, Va., August 23, 1862; Thoroughfare Gap, Va., August 28, 1862; Bull Run, Va., August 30, 1862; Chantilly, Va., September 1, 1862; South Mountain, Md., September 14, 1862; Antietam, Md., September 17, 1862; Fredericksburgh, Va., December 11-15, 1862; Pollock's Mill Creek, Va., April 29, 1863; Chancellorsville, Va., May 2-3, 1863; Gettysburg, Pa., July 1-4, 1863; Hagerstown, Md., July 12-13, 1863; Liberty, Va., November 21, 1863; Mine Run, Va., November 26 to December 2, 1863; Wilderness, Va., May 5-7, 1864; Spottsylvania Court House, Va., May 1, 1864; Piney Branch Church, Va., May 8, 1864; Laurel Hill, Va., May 10, 1864; Spottsylvania, Va., May 12, 1864; North Anna, Va., May 22, 1864; Totopotomoy, Va., May 27-31, 1864; Cold Harbor, Va., June 1-7, 1864; Spanish-American War, May 2 to November 15, 1898; World War, 1917.

On the State Color.—Execution of George Hart, January 3, 1812; New York Harbor, June 5 to July 28, 1812; West Battery, New York Harbor, May 23 to June 1, 1813; Sag Harbor, L. I., May 1 to August 1, 1814; Brooklyn Heights, August 15, 1814; Brooklyn Heights, October 4, 1814; abolition riot, January 11-12, 1835; great fire, December 17, 1835; police riot, June 16-18, 1857; Dead Rabbit riot, July 5-6, 1857; Orange riot, July 12-13, 1857; West Albany, July 24-28, 1877; Buffalo, August 18-27, 1892; Brooklyn, January 20-24, 1895; Albany, May 17-19, 1901.

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Byrne, John James, 15 may 17 W. D. Cert. in course No. 1 (Basic). | | 1 lt. 9 N. Y. inf, 2 may 98 cap. 17 aug. 98 to 15 nov. 98 2 lt. 26 u. s. vol., 5 july 99 hon. dis. . . 23 sep. 99 mustered into u. s. ser. 20 july 17 hon. dis. . . 24 jan. 19 | pvt. co. H, 7 inf. 13 jan. 90 to 16 july 94 1 lt. co. K, 9 regt. 16 july 94 cap. 20 may 99 s. d. c. to adv. 1 jan. 01 to 31 dec. 04 maj. 9 regt. 14 feb. 02 maj. c. a. c. 23 jan. 08 lt. col. 15 june 12 col. 15 may 17 accepted. 17 may 17 dft. 5 aug. 1. r. l. 15 may 19 col. 9 c. d. c. 6 oct. 19 accepted. 6 oct. 19 | N. Y. 13 sep. 71 |

COAST ARTILLERY CORPS — NINTH COAST DEFENSE COMMAND — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonels</i> | | | | |
| Thierry, Lewis Marie, 24 May 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander). | | mustered into u. s. ser. 20 July 17 lt. col. 25 inf. hon. dis. ... 31 July 19 | pvt., tr. A, tra. tr. 1 sq. A, artif. 19 Jan. 95 to 11 Dec. 99 1 lt. bat. qm. 9 regt. 11 Dec. 99 bat. adj. with o. r. 1 May 00 cap. regt. qm. 7 Nov. 02 regt. adj. with o. r. 14 Aug. 03 cap. c. a. c. 23 Jan. 08 maj. 27 Sep. 12 lt. col. 24 May 17 accepted. 26 May 17 dft. 5 Aug. 17 r. l. 20 Aug. 19 lt. col. 9 c. a. c. 18 Oct. 19 accepted. 21 Oct. 19 | N. Y. 5 sep. 71 |
| DeLafield, Edward C., 30 Sep. 18 reserve list. 8 Oct. 19 | | v. c. of a. 1 lt., 16 Nov. 15 cap. 26 Mar. 17 maj. 26 May 17 | maj. 9 c. a. c. 29 Oct. 17 with rank from. 8 Oct. 17 lt. col. 30 Sep. 18 accepted. 30 Sep. 18 | N. Y. 10 July 77 |
| <i>Majors</i> | | | | |
| Hodges, William Lemmon, 8 Oct. 17 | | | maj. 29 Oct. 17 with rank from. 8 Oct. 17 accepted. 2 Nov. 17 1 prov. regt. 7 Aug. 17 to 10 Aug. 18 | |
| Gage, Samuel Edson, 4 June 18 reserve list. 14 Jan. 19 | | v. c. of a., feb. 1915 to Oct. 1917. | enl. tr. 2, sq. A. 25 Apr. 01 corp. 22 May 08 dropped. 31 Mar. 10 taken up. 29 Aug. 10 sgt. 23 Feb. 12 full and hon. dis. 4 Jan. 15 cap. 9 c. a. c. 8 Oct. 17 maj. 4 June 18 accepted. 11 June 18 | N. J. 13 July |
| Hoes, Ernest P., 30 Sep. 18 | | v. c. of a., July to Oct. 1917. | 1 lt. 9 c. a. c. 4 Dec. 17 cap. 28 Feb. 18 maj. 30 Sep. 18 accepted. 30 Sep. 18 | N. Y. 26 Nov. 76 |
| Keyes, Leonhard Alex- ander, 3 Feb. 19 | | | cap. 9 c. a. c. 11 Dec. 17 maj. 3 Feb. 19 accepted. 6 Feb. 19 | N. Y. 1 Sep. 86 |
| <i>Captains</i> | | | | |
| Thebaud, Paul Gibert, 8 Oct. 17 reserve list. 8 Oct. 19 | i. s. a. p. | v. c. a. 16 Jan. 00 to cap. ... 1 Mar. 17 | cap. 9 c. a. c. 29 Oct. 17 accepted. 31 Oct. 17 | N. Y. 23 Feb. 66 |
| Lane, Theodore Twyford, 8 Oct. 17 | 19 | | cap. 9 c. a. c. 8 Oct. 17 accepted. 2 Nov. 17 | |
| Duffield, Howard, 8 Nov. 17 | chap. | | cap. 9 c. a. c. 8 Nov. 17 accepted. 6 Dec. 17 | |
| Scott, Alfred Irving, 23 Nov. 17 | 17 | v. c. a. | 1 lt. 9 c. a. c. 29 Oct. 17 cap. 23 Nov. 17 accepted. 28 Nov. 17 | N. Y. 10 Oct. 80 |
| Low, Ethelbert Ide, 20 May 18 hon. dis. 31 Aug. 18 | 13 | v. c. a., May, 1917. to 2 lt. Sep. 17 | 2 lt. 9 c. a. c. 29 Oct. 17 1 lt. 27 Nov. 17 cap. 20 May 18 accepted. 22 May 18 | N. Y. 25 Apr. 80 |

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Dos Passos, Louis Hays, 4 june 18 | sup. co. | v. c. a. 1905-1917 to 1 lt. | 1 lt. 9 c. a. c. 8 oct. 17 cap. 4 june 18 accepted 7 june 18 | N. Y. 3 dec. 76 |
| Murray, Chamley L., 15 july 18 reserve list . . . 7 nov. 19 | ..... | mustered into u. s. ser. 26 apr. 98 out 4 sep. 98 | seaman 2 div. 1 bat. N. M. N. Y. 22 sep. 98 full and hon. dis. 8 nov. 01 2 lt. 9 c. a. c., N. Y. G. 9 apr. 18 1 lt. 20 may 18 cap. 15 july 18 accepted 19 july 18 | N. Y. 23 sep. 75 |
| Harrison, John T., 16 july 18 hon. dis. 23 aug. 18 | 19 | ..... | 1 lt. 9 c. a. c. 23 nov. 17 cap. 16 july 18 accepted 18 july 18 | Md. |
| Kingsbury, Willoughby Joseph, 16 july 18 reserve list . . . 14 nov. 19 | 16 | v. c. a. mar. 1917 to dec. 1917. | trans. v. c. a. to 9 c. a. c. as 1 sgt. 8 oct. 17 1 lt. c. a. c. 8 oct. 17 cap. 16 july 18 accepted 19 july 18 | Mass. 22 aug. 81 |
| Earle, Victor M., 28 aug. 18 | 22 | ..... | pvt. hdq. co. 7 inf., N. Y. N. G. 4 apr. 17 hon. dis. 2 june 17 pvt. 10 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 lt. 9 c. a. c., N. Y. G. 4 june 18 cap. 28 aug. 18 accepted 28 aug. 18 | N. Y. 24 may 80 |
| Seward, Frederic Kimber, 28 aug. 18 reserve list . . . 12 dec. 19 | 21 | ..... | pvt. 8 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 9 c. a. c., N. Y. G. 20 may 18 cap. 28 aug. 18 accepted 28 aug. 18 | Del. 27 mar. 78 |
| Cruse, George Edwin, 28 aug. 18 reserve list . . . 22 oct. 18 | 18 | v. c. a. 8 months | 2 lt. 9 c. a. c. 23 nov. 17 1 lt. 16 jan. 18 cap. 28 aug. 18 accepted 30 aug. 18 | Md. 9 nov. 73 |
| Coolidge, Howard K., 28 aug. 18 reserve list . . . 2 july 19 | 24 | ..... | 1 lt. 9 c. a. c. . 11 co. 16 jan. 18 cap. 28 aug. 18 accepted 28 aug. 18 | ..... |
| Watjen Louis, 2 oct. 18 reserve list . . . 6 oct. 19 | adj. | 1 year 4 mos. in 5 rgt. Uhlands, German army (1897-1899). corp. 98 vice 1 sgt. 99 dis. German army. 07 v. c. a. may 1917 to oct. 1917. | 2 lt. 9 c. a. c. 4 dec. 17 1 lt. 20 may 18 cap. 2 oct. 18 accepted 7 oct. 18 | N. Y. 15 july 76 |
| de Villiers-Schwab, Henry Baldwin, 9 oct. 18 | 14 | ..... | pvt. 1 co. 9 c. a. c., N. Y. G. 19 july 18 2 lt. 9 c. a. c., N. Y. G. 19 july 18 1 lt. 2 oct. 18 cap. 9 oct. 18 accepted 15 oct. 18 | N. Y. 1 june 87 |
| Owens, William Douglas, 25 oct. 18 | 18 | ..... | pvt. 6 co. 9 c. a. c., N. Y. G. 7 oct. 17 1 sgt. 8 oct. 17 2 lt. 9 c. a. c., N. Y. G. 16 jan. 18 1 lt. 11 sep. 18 cap. 25 oct. 18 accepted 4 nov. 18 | 3 feb. 89 |

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Gallagher, Harry Palmer, 19 nov. 18 reserve list.... 27 feb. 19 | adj. | ..... | pvt. co. G, 13 regt. c. a. c., N. G. 5 mar. 01 corp. 12 june 04 full and hon. dis. 28 may 06 pvt. 1 co. 9 c. a. c., N. Y. G. 8 oct. 17 corp., sgt., sgt. maj. 1 lt. 9 c. a. c., N. Y. G. 27 july 18 cap. 19 nov. 18 accepted. 22 nov. 18 | N. Y. 2 mar. 83 |
| Ericson, Oscar W. G., 18 dec. 18 | 15 | marine cps. 2 july 03 to 7 july 07 | 2 lt. 9 c. a. c. 6 apr. 18 1 lt. 4 june 18 cap. 18 dec. 18 accepted. 19 dec. 18 | Me. 4 mar. 85 |
| Teague, Walter D., 24 jan. 19 reserve list.... 30 june 19 | 20 | v. c. a. july 1 to oct. 8, 1917. | pvt. 8 co. 9 c. a. c. 8 oct. 17 1 lt. 23 nov. 17 cap. 24 jan. 19 accepted. 30 jan. 19 | Ind. 18 dec. 84 |
| Wilcox, Burt, | 23 | marine cps. 25 mar. 07 to 25 mar. 11 30 oct. 11 to 29 oct. 15 | pvt. 11 co. 9 c. a. c., N. Y. G. 25 nov. 17 2 lt. 20 may 18 1 lt. 28 aug. 18 cap. 11 feb. 19 accepted. 15 feb. 19 | Minn. 23 july 83 |
| Perry, John Moore, 3 mar. 19 | 13 | 1 lt. o. d. ... 5 aug. 18 hon. dis. ... 5 feb. 19 | cap. 9 c. a. c. 29 oct. 17 with rank from. 8 oct. 17 accepted. 5 nov. 17 hon. dis. 29 june 18 cap. 9 c. a. c. 3 mar. 19 accepted. 5 mar. 19 | N. Y. 7 july 80 |
| Lloyd, Francis Guerin, 7 aug. 19 retired. 12 aug. 19 | 20 | ..... | pvt. 4 co. 9 c. a. c., N. Y. G. — oct. 17 1 lt. 20 aug. 18 cap. 7 aug. 19 accepted. 11 aug. 19 | N. J. 26 may 48 |
| Phelps Stokes, James G., 18 dec. 19 | adj. | ..... | pvt. tr. 2, sq. A, c. a. c. 9 apr. 96 to hosp. cps. 25 may 99 sgt. 25 may 99 hosp. stew. 12 dec. 99 full and hon. dis. 27 dec. 01 pvt. 5 co. 9 c. a. c. 8 oct. 17 sgt. 26 feb. 18 1 sgt. 28 feb. 18 2 lt. 9 c. a. c. 14 mar. 19 1 lt. 23 aug. 19 cap. 18 dec. 19 accepted. 19 dec. 19 | N. Y. 18 mar. 72 |
| Leach, Arvine C., 26 dec. 19 | 16 | Ft. Totten train bat. 1916-1917. | pvt. 9 c. a. c. 8 oct. 17 bat. sgt. maj. 31 dec. 17 1 lt. 9 c. a. c. 11 feb. 19 cap. 26 dec. 19 accepted. 29 dec. 19 | N. Y. 12 jan. 73 |
| First Lieutenants | | | | |
| Lines, Harry Klapp, 23 nov. 17 reserve list.... 2 apr. 19 | bat. adjt. | ..... | 1 lt. 23 nov. 17 accepted. 28 nov. 17 | ..... |
| Hollander, Elmer Rand, 4 dec. 17 reserve list.... 2 july 19 | 17 | 3 yrs. in Mass. vol. mil. 1 corps cadets. Boston. — nov. 90 to — nov. 93 v. c. a. — mar. 17 to 8 oct. 17 | 1 lt. 9 c. a. c. 4 dec. 17 accepted. 6 dec. 17 | Mass. 16 aug. 70 |

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Messenger, Leslie A., 9 apr. 18 | bat. adj. | v. c. a. may to oct. 17 | pvt. 8 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 14 mar. 18 1 lt. 9 apr. 18 accepted. 10 apr. 18 | N. Y. 10 may 83 |
| Crawford, Henry Eames, 19 june 18 reserve list.... 2 apr. 19 | bat. adj. | ..... | pvt. tr. 6, sq. C. 13 jan. 08 dropped. 7 apr. 08 taken up. 23 nov. 08 corp. 15 may 11 trs. to tr. E, 2 cav. 23 feb. 12 sgt. 3 june 12 full and hon. dis. 20 oct. 13 2 lt. 9 c. a. c. 23 nov. 17 1 lt. 19 june 18 accepted. 24 june 18 | N. Y. 9 june 83 |
| Lowther, Wm. Earle, 19 july 18 hon. dis. 14 nov. 19 | 14 | v. c. a. apr. to oct. 17 | pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 11 dec. 17 1 lt. 19 july 18 accepted. 26 july 18 | Ohio 21 dec. 79 |
| Simpson, Malcolm Douglas, 28 aug. 18 | 24 | ..... | pvt. 11 co. 9 c. a. c., N. Y. G. 23 nov. 17 sgt. 6 feb. 18 trs. 12 co, 1 sgt. 16 feb. 18 2 lt. 9 c. a. c. 20 may 18 1 lt. 28 aug. 18 accepted. 31 aug. 18 | N. Y. 31 dec. 84 |
| Tillinghast, Paul, 25 oct. 18 | 22 | v. c. a. may to sep. 17 | pvt. 10 co. 9 c. a. c., N. Y. G. 8 oct. 17 sgt. maj. 21 nov. 17 regt. sgt. maj. 2 feb. 18 2 lt. 4 june 18 1 lt. 25 oct. 18 accepted. 8 nov. 18 | N. Y. 12 aug. 74 |
| Lane, Alfred Loring, 20 nov. 18 reserve list.... 14 nov. 19 | 13 | ..... | 2 lt. 2 oct. 18 1 lt. 9 c. a. c., N. Y. G. 20 nov. 18 accepted. 22 nov. 18 | N. J. 25 june 83 |
| Howard, Wm. Fiaber, 20 nov. 18 reserve list.... 28 nov. 19 | 16 | ..... | pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 corp., sgt. 30 nov. 17 sup. sgt. — mar. 18 2 lt. 28 aug. 18 1 lt. 20 nov. 18 accepted. 22 nov. 18 | N. Y. 14 dec. 87 |
| Sulzer, Jos. Ferdinand, 28 dec. 18 | asst. i. s. a. p. | ..... | pvt. co. B, 12 inf., N. G. N. Y. 17 nov. 02 corp. 27 nov. 05 sgt. 1 apr. 07 f. and h. dis. 5 oct. 08 pvt. co. B, 7 inf., N. G. N. Y. 9 oct. 08 corp. 4 feb. 12 f. and h. dis. 16 nov. 14 re-enl. 17 nov. 14 f. and h. dis. 16 nov. 15 re-enl. 17 nov. 15 hon. dis. 27 sep. 17 pvt. hdq. co. 9 c. a. c., N. Y. G. 16 dec. 18 1 lt. 9 c. a. c. 28 dec. 18 accepted. 2 jan. 19 | N. Y. 20 apr. 86 |

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Callingham, Bernard Ash, 20 jan. 19 reserve list.... 3 sep. 19 | m. g. co. | 1 Middlesex Life Vols. Mtd. Inf. Co., 1902-1905. | 2 lt. 9 c. a. c., N. Y. G. 20 may 18 1 lt. 20 jan. 19 accepted..... 22 jan. 19 | Eng. 23 aug. |
| Ellard, Chas. Henry, 24 jan. 19 | 21 | v. c. a. apr. to aug. 17 | pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 2 may 18 2 lt. 25 oct. 18 1 lt. 24 jan. 19 accepted..... 25 jan. 19 | N. Y. 14 aug. 75 |
| Murray, John R., Jr., 3 feb. 19 | 24 | ..... | pvt. 12 co. 13 c. a. c. 7 dec. 17 2 lt. 13 c. a. c. 18 july 18 1 lt. 3 feb. 19 accepted..... 10 feb. 19 to 9 c. a. c. 8 nov. 19 | N. Y. 25 dec. 88 |
| Messenger, John, 17 feb. 19 | 20 | ..... | 2 lt. c. a. c. 23 nov. 17 1 lt. 17 feb. 19 accepted..... 21 feb. 19 | N. Y. 13 nov. 77 |
| Foley, William I., 24 feb. 19 | 23 | ..... | pvt. 11. co. 9 c. a. c. 5 dec. 17 corp. 11 mar. 18 1 sgt. 24 feb. 19 accepted..... 5 mar. 19 | N. J. 20 dec. 94 |
| Steinmeyer, Henry G., 28 mar. 19 | 15 | ..... | pvt. 3 co. 9 c. a. c. 8 oct. 17 corp. 3 dec. 17 1 sgt. 28 mar. 19 1 lt. 9 c. a. c. 31 mar. 19 accepted..... | N. Y. 21 jan. 86 |
| Sloane, Thomas O'Connor, Jr., 11 dec. 19 | 16 | ..... | pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 14 nov. 17 2 lt. 3 dec. 18 1 lt. 11 dec. 19 accepted..... 15 dec. 19 | N. Y. 26 mar. 79 |
| <i>Second Lieutenants</i> | | | | |
| Richard, Walter Littauer, 16 jan. 18 reserve list.... 3 feb. 19 | bat. adj. | pvt. in v. c. a. | 2 lt. 9 c. a. c., N. Y. G. 16 jan. 18 accepted..... 18 jan. 18 | N. Y. 27 aug. 86 |
| Plummer, Walter Pierce, 20 may 18 | sup. off. | ..... | pvt. 7 co. 9 c. a. c., N. Y. G. 8 oct. 17 batn. sup. sgt. 31 dec. 17 dis. 10 may 18 2 lt. 20 may 18 accepted..... 22 may 18 | Mass. 9 jan. 73 |
| Smith, Wm. Mandeville, 9 july 18 | 19 | ..... | pvt. 7 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 9 july 18 2 lt. 11 july 18 accepted..... | N. Y. 23 mar. 87 |
| McNicol, Edw. L., 28 aug. 18 hon. dis. 14 nov. 19 | 24 | ..... | 2 lt. 9 c. a. c., N. Y. G. 28 aug. 18 accepted..... 4 sep. 18 | N. Y. 23 aug. 83 |
| Sedgwick, Robert, 23 oct. 18 hon. dis. 8 july 19 | hqrs. | ..... | pvt. 2 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 23 oct. 18 accepted..... 7 nov. 18 | N. Y. 12 jan. 59 |

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Concl'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Scott, Lester Francis, 25 oct. 18 reserve list.....26 sep. 19 | m. g. co. | | seaman, 2 batn., 1 div., N. M.....26 apr. 07 f. and h. dis.....6 may 12 2 lt. 9 c. a. c., N.Y.G. 25 oct. 18 accepted.....4 nov. 18 | Mich. 25 oct. 83 |
| Houts, Frank Elmer, 6 nov. 18 | band ldr. | Mich. N. G., 1879- 1884. col. N. G., 1887-1889. | bd. ldr., 9 c. a. c., N. Y. G.....12 June 18 2 lt.....6 nov. 18 accepted.....8 nov. 18 | Mich. 15 nov. 70 |
| Neumuller, Walter, 20 nov. 18 hon. dis. ....30 apr. 19 | | | pvt. 2 co. 9 c. a. c., N. Y. G.....8 oct. 17 2 lt.....20 nov. 18 accepted.....23 nov. 18 | N. Y. 21 June 86 |
| Schwab, Gustav, 3 dec. 18 reserve list.....15 nov. 19 | | | pvt. 1 co. 9 c. a. c., N. Y. G.....8 oct. 17 corp.....31 nov. 17 2 lt.....3 dec. 18 accepted.....5 dec. 18 | N. J. 28 July 79 |
| Battelle, Thomas P., 20 Jan. 19 | 22 | 1 corps cadets, M. V. M., Boston, 1906 to 1909. | pvt. 10 co. 9 c. a. c.....9 June 18 sgt.....— 2 lt. 9 c. a. c.....20 Jan. 19 accepted.....24 Jan. 19 | Mass. 6 mar. 81 |
| Wood, Walter D., 24 feb. 19 | 21 | | pvt. 4 co. 9 c. a. c.....8 oct. 17 to 9 co.....— June 18 1 sgt.....— 2 lt. 9 c. a. c.....24 feb. 19 accepted.....3 mar. 19 | N. J. 5 aug. 88 |
| Cass, William B., 14 mar. 19 | 23 | | pvt. 4 co. 9 c. a. c.....8 oct. 17 corp.....21 dec. 17 sgt.....8 aug. 18 to 11 co.....13 feb. 19 2 lt. 9 c. a. c.....14 mar. 19 accepted.....7 apr. 19 | Mass. 11 Jan. 74 |
| Rhineland, Thos. J. O., 30 sep. 19 reserve list.....2 oct. 19 | | v. c. a. 1897 to 1917.. | pvt. co. K, 7 inf.....10 June 75 hon. dis.....5 aug. 81 re-enl.....15 June 86 dropped.....23 May 90 taken up.....19 Dec. 90 dropped.....26 July 94 taken up.....16 Aug. 95 f. and h. dis.....17 Oct. 95 pvt. 1 co., 9 c. a. c.....8 Oct. 17 col. sgt.....8 June 18 2 lt., 9 c. d. c.....30 sep. 19 accepted.....30 sep. 19 | N. Y. 5 June 58 |
| Chard, Standish, 29 nov. 19 | 13 | | 2 lt. 9 c. d. c.....29 nov. 19 accepted.....4 dec. 19 | N. Y. 20 aug. 80 |
| Emmons, Earl H., 5 dec. 19 | 18 | v. c. arty.— June 17 to 8 oct. 17 | pvt. 6 co. 9 c. a. c., N. Y. G.....8 Oct. 17 sgt.....11 mar. 18 2 lt.....11 sep. 18 accepted.....18 sep. 18 re-enl.....27 feb. 19 2 lt. 9 c. d. c.....5 dec. 19 accepted.....6 dec. 19 | Iowa 23 dec. 88 |

THIRTEENTH COAST DEFENSE COMMAND

Armory, Corner Jefferson and Simmer Avenues, Brooklyn

Organized as a Depot Battalion, N. G., N. Y., in August, 1917. Designation changed to 13th Coast Artillery Corps, N. Y. G., by G. O. 37, A. G. O., August 3, 1917. Organized as a regiment S. O. 326, A. G. O., December 29, 1917.

12th Company, originally 11th Company, 8th C. A. C., transferred to this regiment by S. O. 284, A. G. O., November 9, 1917.

Mustered into the New York Guard as follows: 1st Company, August 14, 1917; 2nd Company, August 14, 1917; 3d Company September 4, 1917; 4th Company, September 25, 1917; 5th Company, November 20, 1917; 6th Company, November 27, 1917; 7th Company, November 20, 1917; 8th Company, November 27, 1917; 9th Company, December 14, 1917; 10th Company, November 16, 1917; 11th Company, Far Rockaway, October 19, 1917; 12th Company, December 10, 1917; Machine Gun Company, June, 7, 1918.

5th Company, 8th C. D. C., located at Far Rockaway, assigned and designated as the 11th Company, November 9, 1917.

May 29, 1919, station of 11th Company changed to Brooklyn (S. O. 121, A. G. O.).

August 7, 1919 (G. O. 22, A. G. O.), designation changed to Coast Defense Command and assigned to Division, October 6, 1919; Machine Gun. Headquarters and Supply Companies, mustered out, September 8, 1919.

November 3, 1919 (G. O. 30, A. G. O.), 12th Company detached and assigned to 9th Coast Defense Command. New 12th Company mustered in, at Brooklyn, November 17, 1919.

The following companies given Federal recognition by the War Department:

7th Company, June 27, 1919.

1st Company, October 3, 1919.

4th Company, October 3, 1919.

3d Company, October 7, 1919.

5th Company, October 28, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color:

U. S. April 23–August 6, 1861.

U. S. May 28–September 12, 1862.

U. S. June 20–July 20, 1863.

Spanish-American War, 1898.

World War 1917.

On the State Color:

Draft riots, 1863.

Orange Riots, 1871.

Railroad Riots, 1877.

Buffalo, 1892.

Fire Island, 1892.

Brooklyn, 1895.

COAST ARTILLERY CORPS — THIRTEENTH COAST DEFENSE COMMAND

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|----------------------------------|---------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Grant, Sydney, | | mustered into u. s. | pvt., corp., qm. sgt. | Ill. |
| 29 apr. 15 | | ser. 23 July 17 | co. D, 13 regt. 2 aug. 81 | 12 oct. |
| bvt. lt. col. 21 June 18 | | 59 c. a. c. | hon. dis. 22 nov. 88 | 62 |
| W. D. Cert. in course | | hon. dis. 16 June 19 | re-enlisted. 22 nov. 88 | |
| Nos. 1 (Basic), 2 | | | cap. 23 sep 95 | |
| (Emplacement Officer), | | | supn. 16 May 98 | |
| 3 (Range and Commu- | | | assigned duty with | |
| nication Officer) and 4 | | | 13 regt. 21 May 98 | |
| (Battery Commander), | | | relieved. 28 Nov. 98 | |
| 5 (Search Light Officer), | | | assigned duty with | |
| 6 (Fire and Battle Com- | | | 13 regt. 24 Dec. 98 | |
| mander). | | | cap. (D). 6 Feb. 99 | |
| LEGION OF HONOR, | | | recommissioned. 12 May 03 | |
| 4 apr. 19 | | | cap. c. a. c. 23 Jan. 08 | |
| CITATION .. 19 apr. 19 | | | ma). 15 Mar. 09 | |
| | | | lt. col. 29 Apr. 15 | |
| | | | accepted. 4 May 15 | |
| | | | col. 21 June 16 | |
| | | | accepted. 24 June 16 | |
| | | | dft. 5 Aug. 17 | |
| | | | r. l. 12 June 19 | |
| | | | col. 13 c. d. c. 13 Sep. 19 | |
| | | | accepted. 13 Sep. 19 | |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonels</i> | | | | |
| Pendry, Bryer Hamilton, 20 July 16 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander). | | mustered into u. s. a. ser. 23 July 17 58 and 59 c. a. c. hon. dis. ... 16 Dec. 18 | pvt., corp., co. F, 13 regt. 19 Mar. 95 to 16 May 98 hon. dis. 16 May 98 pvt. co. F, 13 regt., trs. co. H, agt. 12 Dec. 98 to 31 Jan. 00 2 lt. 31 Jan. 00 cap. 23 Apr. 02 cap. c. a. c. 23 Jan. 08 maj. 8 Sep. 09 lt. col. 20 July 18 accepted. 21 July 18 dft. 5 Aug. 17 lt. col. 13 c. d. c. 11 Oct. 19 accepted. 17 Oct. 19 | Can. 7 Dec. 75 |
| Babeock, Edwin Gates, 29 July 18 reserve list.... 3 Feb. 19 | | | pvt. tr. C. 12 Apr. 97 trs. to tr. CC. 13 June 98 lance corp. 25 June 98 trs. to tr. C. 16 Nov. 98 hon. dis. 16 Jan. 99 pvt. co. F, 13 regt. 17 Feb. 99 corp. 16 Mar. 99 sgt. 1 Mar. 00 1 agt. 27 June 01 1 lt. 29 July 02 cap. (B), 13 regt. 10 May 07 cap. c. a. c. 23 Jan. 08 with rank from. 10 May 07 resigned. 17 June 12 r. l. 17 Sep. 17 cap. 13 c. d. c. 5 Sep. 17 maj. 2 Jan. 18 lt. col. 29 July 18 accepted. 5 Aug. 18 | N. Y. 10 Nov. 76 |
| Dean, Frank, 9 June 19 reserve list.... 10 Sep. 19 | | | pvt., corp., co. A, 13 regt. 3 Jan. 95 to 16 May 98 pvt. co. A, 13 regt. 31 May 98 to 28 Nov. 98 pvt., corp., co. A, 13 regt. 29 Nov. 98 to 15 Aug. 00 2 lt. (A), 13 regt. 15 Aug. 00 1 lt. 28 Dec. 03 resigned. 10 Nov. 05 1 lt. (E), 13 regt. with o. r. 29 Nov. 05 cap. (A) 22 June 06 cap. c. a. c. 23 Jan. 08 resigned. 15 June 15 r. l. 27 June 16 cap. 13 c. d. c. 5 Sep. 17 maj. 20 Dec. 17 lt. col. 31 Jan. 18 accepted. 5 Feb. 18 full and hon. dis. 19 July 18 lt. col. 13 c. d. c. 9 June 19 accepted. 10 June 19 | N. Y. 10 Sep. 71 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Majors | | | | |
| Orr, Robert Peebles, 20 aug. 15 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander). | | mustered into u. s. ser. 23 July 17 hon. dis. ... 6 mar. 19 | pvt., corp., agt., 1 agt. co. D, 13 regt. 29 nov. 92 hon. dis. 16 may 98 pvt., 1 agt., co. D, 13 regt. 13 dec. 98 to 9 may 02 pvt. 24 may 98 hon. dis. 28 nov. 98 2 lt. 9 may 02 1 lt. 19 dec. 02 cap. c. a. c. 26 may 08 maj. 20 aug. 15 accepted. 26 aug. 15 dft. 5 aug. 17 maj. 13 c. d. c. 4 oct. 19 accepted. 6 oct. 19 | Ire. 29 may 71 |
| Murray, Edward George, 2 jan. 18 | | | pvt. co. A, 2 inf. 11 jan. 00 dropped. 21 nov. 03 taken up. 7 may 04 dropped. 8 apr. 05 taken up, tra. 17 co. c. a. c. 22 may 08 2 lt. c. a. c. 24 jan. 10 with rank from. 14 jan. 10 1 lt. 19 july 10 with rank from. 15 july 10 cap. 1 apr. 12 resigned. 10 feb. 14 cap. 9 c. a. c., N. Y. G. 5 sep. 17 maj. 2 jan. 18 maj. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 3 oct. 19 | N. Y. 23 mar. 79 |
| Shinn, Charles Patterson, 20 feb. 18 reserve list. 10 sep. 19 | | 1 agt. co. L, 22 regt. N. Y. vols. 24 may 98 to 23 nov. 98 | pvt. co. A, 22 regt. 10 dec. 88 corp. 20 mar. 91 agt. 26 jun. 93 hon. dis. 1 may 94 pvt. co. C, 13 regt. 2 jan. 96 corp. 10 nov. 96 agt. 12 oct. 97 2 lt. 11 mar. 99 1 lt. 15 june 99 full and hon. dis. 14 nov. 00 r. l. 23 july 17 1 lt. 13 c. d. c. 5 sep. 17 cap. 26 dec. 17 maj. 20 feb. 18 accepted. 23 feb. 18 | N. J. 1 oct. 69 |
| MacDwyer, Patrick S., 7 aug. 18 f. and h. dis. 24 jan. 19 | | corp. 69 u. s. vols., 2 may 98 to 30 nov. 98 mustered into u. s. regt. ser. 6 july 16 out 9 mar. 17 | pvt. co. I, 69 inf. 12 may 96 corp. 1 may 99 agt. 22 nov. 99 regt. agt. maj. 9 may 09 2 lt. 5 july 16 1 lt. 25 oct. 16 hon. dis. 18 apr. 17 1 lt. 13 c. a. c. 15 nov. 17 cap. 4 dec. 17 maj. 7 aug. 18 accepted. 9 aug. 18 | Ire. 26 jan. 74 |
| Roehaler, John Leonard, 20 mar. 19 reserve list. 21 june 19 | | | pvt. co. E, 13 regt. 17 sep. 95 full and hon. dis. 8 june 00 pvt. 23 regt., co. G. 17 dec. 00 dis. 1 mar. 02 pvt. 10 co. 13 c. a. c. 16 nov. 17 1 lt. 13 c. a. c. 4 dec. 17 cap. 20 may 18 maj. 20 mar. 19 accepted. 24 mar. 19 | N. Y. 3 july 71 |

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|------------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains | | | | |
| Boynton, Nehemiah, 7 june 12 | chap. | mustered into u. s. ser. 23 july 17 | chaplain, c. a. c. 7 june 12 accepted 12 june 12 dft. 5 aug. 17 cap. 13 c. d. e. 14 nov. 19 accepted 20 nov. 19 | Mass. 21 nov. 56 |
| Kerby, Frank Edgar, 31 may 17 | un-as- signed | mustered into u. s. ser. 23 july 17 q. m. coast def. to gen. staff. — apr. 18 hon. dis. 18 apr. 19 | pvt. co. K, 13 inf. 27 dec. 94 corp. 23 aug. 99 sgt. 19 may 03 1 sgt. 27 dec. 04 sgt. maj. 8 may 11 full and hon. dis. 26 dec. 14 pvt. 22 jan. 15 full and hon. dis. 21 jan. 16 2 lt. c. a. c. 2 feb. 16 cap. 1 may 17 accepted 1 june 17 dft. 5 aug. 17 r. l. 24 july 19 cap. 13 c. d. e. 4 oct. 19 accepted 24 oct. 19 | N. Y. 17 may 73 |
| Wahle, William Carl Gross, 27 nov. 17 W. D. Cert. in course No. 1 (Basic). | 12 | mustered into u. s. ser. 23 july 17 cap. c. a. c. 27 nov. 17 hon. dis. 1 aug. 19 | pvt., corp., qm. agt. 12 co. c. a. c. 28 feb. 11 to 20 apr. 14 2 lt. c. a. c. 20 apr. 14 1 lt. 21 oct. 15 accepted 25 oct. 15 dft. 5 aug. 17 cap. 13 c. d. e. 8 sep. 19 accepted 11 sep. 19 | N. Y. 15 jan. 92 |
| Dwinell, George W. L., 27 nov. 17 W. D. Cert. in course No. 1 (Basic) and 2 (Emplacement Officer). | un-as- signed | mustered into u. s. ser. 23 july 17 cap. c. a. c. 27 nov. 17 hon. dis. 7 aug. 19 | pvt., corp., agt., 1 class gunner, plot-ter, 4 co. c. a. c. 4 may 09 to 18 may 14 2 lt. c. a. c. 18 may 14 1 lt. 25 oct. 15 accepted 26 oct. 15 dft. 5 aug. 17 r. l. 19 sep. 19 cap. 13 c. d. e. 4 oct. 19 accepted 23 oct. 19 | N. Y. 10 nov. 76 |
| Clark, John Lewis, 2 jan. 18 reserve list. 10 nov. 19 | chap. | | cap. 13 c. a. c., N. Y. G. 2 jan. 18 accepted 8 jan. 18 | Ill. 27 aug. 65 |
| Vickers, Charles William, 31 jan. 18 reserve list. 25 aug. 19 | i. s. a. p. | | enl. 13 regt. N. G. N. Y. 21 dec. 91 corp. 20 mar. 95 ret. to ranks. 25 jan. 98 full and hon. dis. 16 may 98 re-enlisted h. a. N. G. N. Y. 23 jan. 99 corp. 1 june 00 full and hon. dis. 4 sep. 00 re-enlisted co. B, 13 regt. 23 nov. 01 qm. agt. 30 apr. 01 full and hon. dis. — 01 re-enlisted 1 co. 13 c. a. c. 31 july 17 2 lt. 4 co. 2 jan. 18 cap. i. s. a. p. 31 jan. 18 accepted 5 feb. 18 | N. Y. 10 pr. 71 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|--|----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Hardmeyer, Joseph Grover, 31 jan. 18 | 5 | ..... | pvt. 12 co. c. a. c. 17 jan. 05 corp. 10 may 10 sgt. 24 may 10 1 sgt. 23 may 11 1 class gunner. 13 june 11 2 lt. c. a. c. 10 june 12 resigned. 2 jan. 15 1 lt. 13 c. d. 6 july 15 resigned. 1 nov. 15 r. l. 30 aug. 17 2 lt. 13 c. a. c. 5 sep. 17 1 lt. 20 nov. 17 cap. 13 c. a. c., N. Y. G. 31 jan. 18 cap. 13 c. a. c., N. Y. N. G. 28 oct. 19 accepted. 28 oct. 19 | Ohio 104 may 86 |
| White, Henry D., Jr., 12 mar. 18 | adj. | ..... | enlisted 13 c. a. c. 15 oct. 12 dropped. 23 mar. 15 taken up. 22 june 16 corp. 25 july 16 hon. dis. 22 july 17 re-enlisted 13 c. a. c. 7 aug. 17 sgt. 30 oct. 17 hon. dis. 7 dec. 17 2 lt. 13 c. a. c. 4 dec. 17 1 lt. 2 jan. 18 cap. 12 mar. 18 accepted. 15 mar. 18 r. l. 13 sep. 19 cap. 13 c. d. c. 20 sep. 19 accepted. 23 sep. 19 | N. Y. 13 may 94 |
| Barrett, Louis Stanley, 21 mar. 18 | 3 | trumpeter, tr. C, N. Y. cav. ... 2 may 98 to 25 nov. 98 | pvt., co. I, 13 regt., tra. co. G, f. m., tra. co. C, tra. co. G, tra. to band, sgt. 30 jan. 91 to 5 mar. 02 2 lt. c. a. c. 28 june 11 resigned. 21 july 15 r. l. 8 june 16 2 lt. 13 c. a. c. 13 sep. 17 1 lt. 20 nov. 17 cap. 13 c. d. c., N. Y. G. 21 mar. 18 cap. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 6 oct. 19 | N. Y. 14 feb. 74 |
| Mills, Clarence, 8 apr. 18 f. and h. dis. ... 22 jan. 19 | 5 | ..... | pvt. 5 co. c. a. c. 17 nov. 08 corp. 24 jan. 10 sgt. 7 may 12 2 lt. c. a. c. 7 dec. 12 1 lt. 26 jan. 14 resigned. 2 oct. 14 r. l. 15 june 15 1 lt. 13 c. a. c. 5 sep. 17 cap. 8 apr. 18 accepted. 10 apr. 18 | N. Y. 104 july 83 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|--------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Young, Daniel F., Jr., 8 apr. 18 | 4 | | pvt. 3 co. c. a. c. 12 sep. 03 corp. 11 July 05 hon. dis. 24 sep. 07 2 lt. 13 sep. 07 assigned to duty 3 co. c. a. c. 24 sep. 07 resigned. 21 Jan. 09 2 lt. 13 c. a. c. 11 Oct. 17 1 lt. 4 Dec. 17 cap. 13 c. d. c., N. Y. G. 8 apr. 18 cap. 13 c. d. c., N. Y. G. 30 sep. 18 accepted. 3 Oct. 19 | 11 Jan. 85 |
| Planco, Vincent Norris, 10 May 18 reserve list. 10 Nov. 19 | 11 | 1 lt. batty. F, 5 arty., — apr. 98 to — apr. 01 Santiago-Philippine eng., 1899-1900. China relief expedi- tion, 1900-1901. | pvt. co. F, 22 inf. 2 apr. 97 to 7 Feb. 99 1 lt. 13 c. a. c. 5 sep. 17 cap. 10 May 18 accepted. 17 May 18 | N. Y. 16 June 79 |
| Shaw, Albert Embree, 20 June 18 reserve list. 10 Sep. 19 | 8 | | pvt. co. B, 13 regt. 8 Mar. 04 corp. 23 Dec. 04 sgt. 30 Oct. 05 2 lt. 13 regt. 3 June 07 2 lt. c. a. c. 23 Jan. 08 with rank from. 3 June 07 resigned. 10 June 12 r. l. 1 Sep. 17 1 lt. 13 c. a. c. 5 Sep. 17 cap. 20 June 18 accepted. 24 June 18 | N. Y. 7 Sep. 84 |
| Kemble, William H., 20 June 18 reserve list. 20 Feb. 19 | 6 | | enlisted 23 inf. 1 Sep. 04 dis. 27 Dec. 09 2 lt. 13 c. a. c. 26 Dec. 17 1 lt. 21 Mar. 18 cap. 20 June 18 accepted. 22 June 18 | Del. 13 Apr. 86 |
| Duffy, Henry S., 20 June 18 reserve list. 10 Sep. 19 | 2 | | enl. co. B, 13 regt. inf. 20 Nov. 97 hon. dis. 16 May 98 re-enlisted co. B, 13 regt. inf. 30 June 99 batt. B, 13 h. a. corp. 1 Mar. 00 sgt. 19 Nov. 03 full and hon. dis. 12 Sep. 05 re-enlisted. 27 Mar. 06 sgt. 18 June 06 1 sgt. 14 May 09 full and hon. dis. 30 Apr. 12 re-enlisted. 10 Aug. 17 1 sgt. 28 Sep. 17 full and hon. dis. 4 Dec. 17 2 lt. 2 co. 13 c. a. c. 4 Dec. 17 1 lt. 31 Jan. 18 cap. 20 June 18 accepted. 24 June 18 | Conn. 18 Jan. 79 |
| Fisher, Lyman Jackson, 20 June 18 reserve list. 13 June 19 | m. g. co. | | pvt. co. G, 1 regt. 26 Apr. 98 dropped. 6 Mar. 99 2 lt. 10 co. 13 c. a. c. 4 Dec. 17 1 lt. 12 Mar. 18 cap. 20 June 18 accepted. 27 June 18 | N. Y. 23 Feb. 77 |

COAST ARTILLERY CORPS — 13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Martin, Charles Currie, 18 dec. 18 f. and h. dis. 28 nov. 19 | 1 | ..... | enlisted. 25 feb. 02 corp. 28 june 04 sgt. 17 may 07 dis. 21 dec. 15 re-enlisted. 22 dec. 15 full and hon. dis. 16 july 17 2 lt. 13 c. a. c. 4 dec. 17 1 lt. 31 jan. 18 cap. 18 dec. 18 accepted. 23 dec. 18 | N. Y. 17 apr. 85 |
| Dunne, William Joseph, 3 dec. 18 reserve list. 10 sep. 19 | 9 | ..... | enl. Pvt. 4 co. 13 g. a. c. 5 june 06 corp. 1 june 09 sgt. 7 may 12 f. and h. dis. 14 apr. 14 Pvt. 13 c. a. c. 3 july 17 sgt. 4 dec. 17 2 lt. 13 c. a. c., N. Y. G. 12 mar. 18 1 lt. 11 june 18 cap. 3 dec. 18 accepted. 5 dec. 18 | N. Y. 24 dec. 86 |
| Morrison, Chas. Robt., 3 feb. 19 | ..... | ..... | Pvt. 1 co. 13 c. a. c. 17 dec. 17 2 lt. 15 c. a. c. 15 feb. 18 cap. 3 feb. 19 accepted. 6 feb. 19 | N. Y. 18 july 90 |
| Dutcher, Charles R., 6 feb. 19 reserve list. 10 sep. 19 | ..... | ..... | Pvt. 9 c. a. c. 8 oct. 17 hon. dis. 8 oct. 17 Pvt. 10 co. 13 c. a. c. 16 nov. 17 corp. 18 dec. 17 sgt. 8 apr. 18 2 lt. 13 c. a. c. 11 june 18 1 lt. 28 aug. 18 cap. 13 c. a. c. 6 feb. 19 accepted. 10 feb. 19 | Conn. 5 june 83 |
| Shean, Chauncey Clark, 26 feb. 19 reserve list. 10 sep. 19 | 10 | ..... | Pvt. 6 co. 13 c. a. c. 13 apr. 18 corp. 18 apr. 18 1 sgt. 8 apr. 18 2 lt. 13 c. a. c. 11 june 18 1 lt. 4 dec. 18 cap. 26 feb. 19 accepted. 3 mar. 19 | N. Y. 3 oct. 81 |
| Lynch, Wm. Alonso, 26 feb. 19 reserve list. 19 may 19 | 6 | Pvt. 31 july 17 sgt. 28 sep. 17 bt. sgt. maj. 2 oct. 17 | co. M, 13 c. a. c. 1 april 02 corp. 26 may 03 sgt. n. c. s. 29 nov. 04 dis. 7 jan. 08 1 lt. 12 c. d. c. 24 jan. 18 cap. 26 feb. 19 accepted. 3 mar. 19 | N. Y. 5 nov. 80 |
| Riehl, Edward John, 27 june 19 | 7 | sgt. 1 sgt. 2 lt. 1918— 1919, camp Upton. | 2 lt. 13 c. d. c. 24 jan. 19 1 lt. 3 apr. 19 cap. 13 c. d. c. N. Y. N. G. 27 june 19 accepted. 11 aug. 19 | N. Y. 1 feb. 92 |
| Patterson, Edward Walter, 18 oct. 19 | 6 | mustered into u. s. ser. 23 july 17 hon. dis. 30 nov. 18 | Pvt. co. B, 47 inf. 28 apr. 02 hon. dis. 7 feb. 10 Pvt., qm. sgt., co. D. 14 aug. 11 to 11 may 14 2 lt. c. a. c. 11 may 14 1 lt. c. a. c. 15 june 16 accepted. 16 june 16 dft. 5 aug. 17 cap. 13 c. a. c. 18 oct. 19 accepted. 23 oct. 19 | N. Y. 30 apr. 83 |

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Concluded | | | | |
| Lampries, John D., 18 oct. 19 | 11 | co. c, 5 inf. Ga., 20 mar. 00 to 17 feb. 03 pvt., corp., Sgt., 23 mar. 03 to 5 aug. 08 pvt., corp., Sgt. and 1 Sgt. 69 co., c. a. c., u. s. a. . . 10 aug. 08 to 20 feb. 11 pvt., corp., co. B, 5 u. s. inf. . 21 feb. 11 and Sgt. instr., to 17 jan. 14 mustered into u. s. ser. . . . 23 July 17 1 lt. c. a. c. 18 nov. 17 hon. dis. . . 14 oct. 19 | pvt. 11 co., c. d. c. . . 11 mar. 15 Sgt. 18 mar. 15 dis. 21 may 17 2 lt. 18 may 17 accepted. . . . 21 may 17 cap. 13 c. d. c. . . 18 oct. 19 accepted. . . . 23 oct. 19 | Ga. 12 nov. 83 |
| Cibson, Walter Livingstone, 28 nov. 19 W. D. Cert. in course Nos. 1 (Basic), 2 (Emplacement Officer) and 3 (Range and Communication Officer) | 1 | mustered into u. s. ser. . . . 23 July 17 59 c. a. c., hon. dis., 3 sep. 19 | pvt., corp., Sgt., co. A, 13 inf. 4 oct. 00 to 27 June 08 1 lt., 13 inf. 27 June 08 1 lt. c. a. c. 23 Jan. 08 dft. 5 Aug. 17 r. l. 2 Oct. 19 1 lt. 13 c. d. c., N. Y. G. 24 Oct. 19 cap. 13 c. d. c., N. Y. N. G. 28 Nov. 19 accepted. 1 Dec. 19 | N. Y. 20 Feb. 77 |
| First Lieutenants | | | | |
| MacEnroe, John W., 19 Dec. 17 f. and h. dis. . . 28 Nov. 19 | 5 | 2 lt. 112 h. f. a., 4 July 17 1 lt. 19 Dec. 17 1 lt. a. s., hon. dis., 28 May 19 | pvt. 12 co. 13 c. a. c. . 3 Mar. 08 corp. 2 Feb. 09 Sgt. 24 May 10 hon. dis. 13 Feb. 12 1 lt. 13 c. a. c. . . . 16 July 19 1 lt. 13 c. a. c., N. Y. N. G. 28 Oct. 19 accepted. 28 Oct. 19 | N. Y. 26 June 89 |
| Wilde, George Morris, 2 Jan. 18 reserve list. . . . 6 June 19 | bat. adj. | | pvt. 10 co. 18 c. d. c. . 16 Nov. 17 Sgt. 18 Dec. 17 pvt. 10 bat. vet. corps 2 July 17 hon. dis. 8 Oct. 17 1 lt. 13 c. a. c. . . . 2 Jan. 18 accepted. 8 Jan. 18 | N. Y. 17 July 81 |
| Serr, Daniel F., 12 Apr. 18 | asst. adj. | enl. co. L, 22 regt. N. Y. vols. . 24 May 98 mustered out, 23 Nov. 98 | enl. co. K, 13 regt. . . 26 June 94 mustered out. . . . 16 May 98 2 lt. 13 c. a. c. . . . 7 Nov. 17 1 lt. 12 Apr. 18 accepted. 15 Apr. 18 | N. Y. 6 July 76 |
| Lyon, Charles Frederick, 11 June 18 reserve list. . . . 19 May 19 | 11 | enl. 47 N. Y. vols., 2 May 98 mustered into fed. ser. Porto Rico; mus- tered out regt. 31 Mar. 99 | pvt. co. D, 47 inf. . . 5 May 97 dropped. 24 Apr. 99 2 lt. c. a. c. 19 Dec. 17 1 lt. 11 June 18 accepted. 14 June 18 | N. Y. 5 June 80 |
| Goepel, Percy Ralph, 11 June 18 reserve list. . . . 10 Nov. 19 | | | 2 lt. 13 c. a. c. . . . 2 Jan. 18 1 lt. 11 June 18 1 lt. 13 c. a. c., N. Y. N. G. 30 Sep. 19 accepted. 6 Oct. 19 | N. Y. 11 Nov. 79 |
| Spence, Henry L., 21 Aug. 18 reserve list. . . . 20 Feb. 19 | | | enl. co. E, 22 regt., N. Y. N. G. 17 Mar. 90 dis. 15 May 95 2 lt. 13 c. a. c. . . . 17 Jan. 18 1 lt. 21 Aug. 18 accepted. 26 Aug. 18 | N. Y. 19 June 70 |

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|---------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Con- tinued</i> | | | | |
| Ross, James Munro, 6 nov. 18 f. and h. dis. . . . 4 dec. 19 | 7 | mustered into u. s. ser. 23 July 17 1 lt. c. a. c. . . . 6 nov. 1 hon. dis. . . . 4 mar. 19 | pvt. 1 co. c. a. c. 22 Jan. 07 f. and h. dis. 9 mar. 15 8-re-enlisted. 10 mar. 15 corp. 25 May 15 2 cl. gunner. 26 July 16 2 lt. c. a. c. 27 July 16 accepted. 5 Aug. 17 dft. 19 May 16 1 lt. 13 c. a. c., N. Y. G. 19 1 lt. 13 c. a. c., N. Y. N. G. 27 June 19 accepted. 14 Aug. 19 | N. Y. 6 June 5 91 |
| Guerin, Evariste Ann, 4 dec. 18 reserve list. . . . 13 mar. 19 | 9 | ..... | pvt. co. G, 13 regt. 13 mar. 06 dropped. 10 sep. 07 pvt. 2 co. 13 c. a. c. 14 aug. 17 corp. 30 oct. 17 sgt. 4 dec. 17 2 lt. 14 may 18 1 lt. 4 dec. 18 accepted. 5 dec. 18 | N. Y. 3 oct. 84 |
| Purcell, Robert M., 5 dec. 18 | 1 | ..... | pvt. 11 co. 13 c. a. c. 17 may 01 corp. 19 jan. 07 sgt. 13 may 10 2 lt. 13 c. a. c. 12 mar. 18 1 lt. 5 dec. 18 1 lt. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 6 oct. 19 | Md. 7 nov. 80 |
| Schlieper, Ernest William, 5 dec. 18 reserve list. . . . 10 sep. 19 | ..... | ..... | pvt. 8 co. 13 regt. 29 may 05 f. and h. dis. 14 mar. 11 pvt. 8 co. 25 jan. 18 2 lt. 12 apr. 18 1 lt. 5 dec. 18 accepted. 9 dec. 18 | N. Y. 28 may 85 |
| Carter, Theodore, 6 jan. 19 hon. dis. 22 July 19 | ..... | ..... | pvt. 3 co. 13 c. a. c. 11 sep. 17 N. Y. G. 3 dec. 17 corp. 12 mar. 18 2 lt. 13 c. a. c. 6 jan. 19 1 lt. 27 jan. 19 accepted. 27 jan. 19 | Mass. 29 oct. 82 |
| Buckley, William D., 26 feb. 19 reserve list. . . . 10 sep. 19 | 6 | ..... | pvt. 12 co. 13 c. a. c. 7 jan. 13 sgt. 29 may 14 1 cl. gunner. 25 junc 13 dis. 18 jan. 16 enl. 13 c. a. c., N. Y. G. 2 oct. 17 sgt. 30 oct. 17 2 lt. 13 c. a. c. 12 mar. 18 1 lt. 26 feb. 19 accepted. 3 mar. 19 | N. Y. 19 oct. 87 |
| Pulis, Earl Bryant, 28 may 19 | 11 | ..... | pvt. 13 c. d. c., N. G. N. Y. 13 may 02 dropped. 1 July 05 pvt. 1 co. 13 c. a. c. 3 aug. 17 corp. 28 oct. 17 sgt. 4 dec. 17 1 sgt. 12 mar. 18 2 lt. 13 c. a. c. 18 dec. 18 1 lt. 13 c. d. c., N. Y. N. G. 28 may 19 accepted. 2 June 19 | Pa. 26 dec. 84 |
| Botting, Leonard P., 16 sep. 19 reserve list. . . . 22 oct. 19 | 9 | o. t. c. Ft. Monroe, 2 lt. 21 oct. 18 to 10 jan. 19 | 2 lt. 13 c. a. c. 19 may 19 1 lt. 16 sep. 19 accepted. 29 sep. 19 | N. J. 19 23 June 97 |

COAST ARTILLERY CORPS — 13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Alexanderson, Walter P., 14 nov. 19 | 8 | mustered into u. s. ser. 16 july 17 2 lt. c. a. c. 24 july 18 hon. dis. 23 oct. 19 | pvt. 8 co. 13 c. d. e. 17 oct. 11 1 cl. gunner. 17 apr. 12 corp. 2 july 12 plotter. 24 june 14 f. and h. dis. 17 nov. 14 re-enl. and warrant cont. sgt. 24 nov. 14 1 sgt. 18 apr. 16 dft. 5 aug. 17 1 lt. 13 c. d. e. 14 nov. 19 accepted. 17 nov. 19 | N. Y. 2 june 90 |
| Kiefer, Henry C., 14 nov. 19 | 4 | mustered into u. s. ser. 15 july 17 2 lt. f. a. 30 sep. 18 hon. dis. 9 jan. 19 | pvt. 4 co. 13 c. d. e. 18 may 15 hon. dis. 3 june 17 re-enl. 3 july 17 dft. 5 aug. 17 2 lt. 13 c. d. e. N. Y. G. 18 oct. 19 1 lt. 13 c. d. e., N. Y. N. G. 14 nov. 19 accepted. 21 nov. 19 | N. Y. 25 june 95 |
| Williams, Raymond E., 15 nov. 19 | 9 | mustered into u. s. ser. 23 july 17 corp. 59 c. a. c., 25 aug. 18 2 lt. c. a. c. 21 apr. 19 hon. dis. 4 sep. 19 | pvt. 1 co. 13 c. d. e. 10 july 17 dft. 5 aug. 17 1 lt. 13 c. d. e. 15 nov. 19 accepted. 17 nov. 19 | N. Y. 25 july 96 |
| Barron, Erie S., 21 nov. 19 | 11 | mustered into u. s. ser. 23 july 17 2 lt. c. a. c. and att. to c. d. of New Orleans. 26 june 18 to 36 co. c. a. c., 25 sep. 18 hon. dis. 10 dec. 18 | pvt. 8 co. 13 c. d. e. 1 may 17 dft. 5 aug. 17 2 lt. 13 c. d. e. 17 july 19 1 lt. 13 c. d. e. 21 nov. 19 accepted. 8 dec. 19 | N. J. 10 apr. 97 |
| Edgerton, Benjamin M., 2 dec. 19 | 5 | 2 lt. a. s. 21 nov. 17 co. 655 a. s., hon. dis. 26 july 19 | pvt. 12 co. 13 c. a. c. 22 oct. 07 f. and h. dis. 21 nov. 11 re-enl. 12 dec. 11 f. and h. dis. 24 feb. 14 re-enl. 25 july 16 to 11 co. 10 oct. 16 hon. dis. 14 june 17 2 lt. 13 c. d. e. N. Y. G. 28 aug. 19 2 lt. 13 c. d. e. N. Y. N. G. 28 oct. 19 1 lt. 2 dec. 19 accepted. 3 dec. 19 | N. Y. 16 aug. 90 |
| Wahle, Clarence W., 4 dec. 19 | aast. adj. | mustered into u. s. ser. 15 july 17 batty F, 59 c. a. c. 15 jan. 18 hon. dis. as sgt., 1919. | pvt. 12 co. 13 c. d. e. 2 mar. 16 to n. g. r. 7 july 16 dft. 5 aug. 17 2 lt. 13 c. d. e., N. Y. G. 19 may 19 2 lt. 13 c. d. e., N. Y. N. G. 27 june 19 1 lt. 4 dec. 19 accepted. 9 dec. 19 | N. Y. 22 Feb. 98 |
| Mackey, John J., 5 dec. 19 | aast. adj. | mustered into u. s. ser. 23 july 17 to batty. F, 59 c. a. c., corp. 32 c. a. c. 26 june 18 brig. 1 nov. 18 2 lt. c. a. c. 1 nov. 18 hon. dis. 24 jan. 19 | pvt. 12 co. 13 c. d. e. 5 apr. 17 dft. 5 aug. 17 1 lt. 13 c. d. e. 5 dec. 19 accepted. 8 dec. 19 | N. Y. 31 mar. 92 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|----------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Con- cluded</i> | | | | |
| Zimmerman, Emil C., 31 dec. 19 | 7 | mustered into u. s. ser. 23 July 17 to batty. E, 59 c. a. c., — mar. 18 1 sgt. 10 mar. 18 2 lt. f. a. 25 sep. 18 hon. dis. 31 mar. 19 | pvt. 7 co. 13 c. d. c. . . 17 feb. 15 corp. 16 nov. 15 sgt. 20 June 16 dft. 5 aug. 17 1 lt. 13 c. d. c., N. Y. N. G. 31 dec. 19 accepted. 9 June 20 | N. Y. 2 sep. 95 |
| <i>Second Lieutenants</i> | | | | |
| Nicholson, Harvey Fuller, 11 June 18 reserve list. 10 sep. 19 | 3 | | pvt. co. C, 13 c. a. c., N. G. N. Y. 29 dec. 04 dropped. 24 Jan. 11 pvt. 4 co. 11 sep. 17 corp. 3 dec. 17 sgt. maj. 23 apr. 18 2 lt. 11 June 18 accepted. 14 June 18 | N. Y. 26 sep. 85 |
| Shoemaker, Richard, Jr., 2 July 18 reserve list. 20 oct. 19 | band leader | | pvt. band, 13 c. a. c. . . 11 feb. 02 corp. 4 feb. 08 sgt. 8 feb. 10 music. 17 dec. 12 full and hon. dis. . . . 15 feb. 15 re-enlisted. 15 feb. 15 dis. 14 July 17 pvt. band, 13 c. a. c. . . 10 aug. 17 sgt. — 2 lt. 13 c. a. c. 2 July 18 accepted. 8 June 18 | N. Y. 24 June 3 |
| Demme, Eugene, 9 July 18 hon. dis. 18 dec. 18 | 11 | | pvt. 11 co. 13 c. a. c. . . 21 sep. 17 sgt. 8 Jan. 18 1 sgt. 18 mar. 18 2 lt. 13 c. a. c. 9 July 18 accepted. 12 July 18 | N. J. 8 June 86 |
| Tobey, Henry Edwards, 25 Oct. 18 reserve list. 23 apr. 19 | | | pvt. co. K, 23 inf. 14 Nov. 17 trans. m. g. c. 21 Nov. 17 trans. 13 c. a. c. — sgt. m. g. co. — 2 lt. 25 Oct. 18 accepted. 25 Oct. 18 | N. Y. 11 Jan. 75 |
| Johnson, Theodore, 29 Nov. 18 | 11 | mustered into u. s. ser. 23 July 17 corp. 10 Aug. 17 sgt. 24 May 18 2 lt. c. a. c. 29 Nov. 18 hon. dis. 29 Nov. 18 | pvt. 11 co. 13 c. d. c. . . 12 Apr. 17 dft. 5 Aug. 17 2 lt. 13 c. d. c. 2 Dec. 19 accepted. 8 Dec. 19 | N. Y. 22 Dec. 98 |
| Mowbray, Anthony S., 3 Feb. 19 hon. dis. 28 Nov. 19 | 2 | marine cps. Apr. 10 18 to 20 Dec. 18 | pvt. 2 co. 13 c. d. c. . . — Oct. 17 hon. dis. — June 18 2 lt. 13 c. d. c. 3 Feb. 19 accepted. 10 Feb. 19 | N. Y. 23 July 97 |
| George, Frederick B., 3 Apr. 19 f. and h. dis. 27 Oct. 19 | 10 | | pvt. co. A, 13 regt. . . . 29 Apr. 89 full and hon. dis. . . . 16 May 98 re-enlisted. 31 May 98 dis. 28 Nov. 98 re-enlisted. 13 Dec. 98 corp. 27 May 01 hon. dis. 8 Oct. 01 pvt. tr. E, sq. C. 10 Dec. 17 to 1 co. 13 c. d. c. . . . — Jan. 19 2 lt. 13 c. d. c. 3 Apr. 19 accepted. 7 Apr. 19 | Conn. 31 Jan. 71 |
| MacNair, Ira P., 3 Apr. 19 | 8 | air service. 5 Jan. 18 2 lt. a. s. s. r. c. hon. dis. 19 Dec. 18 | 2 lt. 13 c. d. c. 3 Apr. 19 accepted. 21 Apr. 19 | N. Y. 26 May 93 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Continued</i> | | | | |
| Rocker, Herbert S., 20 june 19 | 3 | mustered into u. s. ser. 15 july 17 agt., hon. dis., 16 may 19 | pvt. 8 co. 13 c. d. c. . . . 2 may 16 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. G. 20 june 19 2 lt. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 7 oct. 19 | N. Y. 18 mar. 98 |
| Carpenter, William H., 20 june 19 reserve list. . . . 10 nov. 19 | asst. sup. off. | c. o. t. c., camp Lee, oct. 12 18 to 25 nov. 18 | pvt. co. B, 7 inf. 15 nov. 17 hon. dis. 12 oct. 18 re-enlisted. 3 jan. 19 2 lt. 13 c. d. c. 20 june 19 accepted. 23 june 19 | N. J. 17 nov. 87 |
| Lang, James W., 8 oct. 19 reserve list. . . . 20 aug. 19 | unas. | mustered into u. s. ser. 15 july 17 2 lt. c. a. c. 15 aug. 17 55 and 59 c. a. c., hon. dis. 18 mar. 19 | pvt. 1 co. 13 c. d. c. . . . 12 oct. 15 corp. 7 june 16 agt. 12 dec. 16 dft. 5 aug. 17 2 lt. 13 c. d. c. 8 oct. 19 accepted. 27 oct. 19 | Ind. 27 oct. 90 |
| Patterson, Albert E., 18 oct. 19 | 7 | mustered into u. s. ser. 23 july 17 agt. 10 aug. 17 hon. dis. 18 mar. 19 | pvt. 7 co. 13 c. d. c. . . . 19 dec. 13 corp. 17 nov. 14 agt. 16 nov. 15 to N. G. r. 18 jan. 17 dft. 5 aug. 17 pvt. 7 co. 13 c. d. c., N. Y. N. G. 13 oct. 19 2 lt. 13 c. d. c., N. Y. N. G. 18 oct. 19 accepted. 28 oct. 19 | N. Y. 4 apr. 95 |
| Loader, Victor H., 18 oct. 19 | 1 | mustered into u. s. ser. 23 july 17 2 lt. c. a. c. 26 june 18 hon. dis. 25 jan. 19 | pvt. 11 co. 13 c. d. c. . . 17 apr. 17 corp. 5 aug. 17 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. N. G. 18 oct. 19 accepted. 28 oct. 19 | N. Y. 7 jan. 96 |
| Pashley, Arthur W., 19 oct. 19 | 6 | mustered into u. s. ser. 23 july 17 2 lt. qm. c. 16 july 18 hon. dis. 19 dec. 18 | pvt. 8 co. 13 c. d. c. . . . 17 nov. 07 clorp. 2 july 12 full and hon. dis. 6 oct. 14 pvt. batty. C, 2 f. a. . . . 23 feb. 15 to 8 co. 13 c. d. c. 7 may 15 agt. 25 feb. 18 dft. 5 aug. 17 r. l. 29 sep. 19 2 lt. 13 c. d. c. 18 oct. 19 accepted. 27 oct. 19 | N. Y. 5 aug. 86 |
| Oswalt, Robert I., 30 oct. 19 | 12 | mustered into u. s. ser. 23 july 17 c. a. t. c., Ft. Monroe; 2 lt. 56 am. tr.; hon. dis. | pvt. 8 co. 13 c. d. c. . . . 16 may 16 1 cl. gunner. 22 jan. 17 corp. 6 mar. 17 dft. 5 aug. 17 2 lt. 13 c. d. c. 30 oct. 19 accepted. 10 nov. 19 | N. Y. 15 dec. 94 |
| Tully, Thomas V., 28 nov. 19 | unas. | | 2 lt. qm. c., N. G. N. Y. 9 june 17 accepted. 12 june 17 hon. dis. 24 july 18 2 lt. 13 c. d. c., N. Y. G. 28 nov. 19 accepted. 1 dec. 19 | N. Y. 1 nov. 88 |

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Concl'd)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Busener, Henry H., 4 dec. 19 | 4 | mustered into u. s. ser. 23 july 17 1 agt. 59 c. a. c., 2 oct. 18 hon. dis. . . 5 feb. 19 | pvt. 4 co. 13 c. d. c. . . 14 apr. 08 corp. 8 nov. 12 1 cl. gunner. 20 may 14 agt. 2 june 14 full and hon. dis. 1 june 15 re-enlisted and warrant con. qm. 26 oct. 15 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. N. G. 4 dec. 19 accepted. 8 dec. 19 | N. Y. 18 sep. 89 |

FIRST INFANTRY, N. Y. G.

(Third Brigade)

Headquarters State Armory, 145 Broadway, Newburgh, N. Y.

Reorganized November 22, 1917, by G. O. 58, A. G. O., and made to include all infantry units already mustered in or to be mustered into the New York Guard, in the counties of Rockland, Orange, Putnam, Dutchess, Ulster and Sullivan.

MACHINE GUN COMPANY

State Armory, 145 Broadway, Newburgh, N. Y.

Organized as a Depot Unit, July, 1917. Mustered into New York Guard, November 13, 1917.

COMPANY A

Headquarters, Pearl River — Platoon, Spring Valley

Organized as Home Defense Unit. Mustered into New York Guard October 21, 1917. Attached to 1st Infantry from 22d Engineers and 71st Infantry November 14, 1917, S. O. 289, A. G. O.

COMPANY B

Headquarters, Haverstraw, N. Y.

Organized as a Home Defense Unit. Mustered into the New York Guard as Company G, 22d Engineers, November 4, 1917. Attached to 1st Infantry November 14, 1917, S. O. 289, A. G. O.

COMPANY C

Headquarters, Suffern — Platoon, Sloesburg

Organized as Home Defense Unit. Attached to 1st Infantry, from Company F, 71st Infantry, S. O. 289, A. G. O. Mustered into New York Guard, September 14, 1917.

COMPANY D

Headquarters, Nyack, N. Y.

Organized as a Home Defense Unit. Mustered into New York Guard as Battery D, 2d Field Artillery, November 1, 1917. Transferred to 1st Infantry, November 14, 1917, S. O. 289, A. G. O.

COMPANY E

State Armory, Market and Church Streets, Poughkeepsie

Organized as a Home Defense Unit. Mustered into the New York Guard October 31, 1917. A unit of 10th Infantry. Transferred to 1st Infantry and designated Company E, November 22, 1917.

COMPANY F

State Armory, Market and Church Streets, Poughkeepsie

Organized as a Depot Unit, July, 1917. Mustered into the New York Guard as Company K, 10th Infantry October 31, 1917. Transferred to 1st Infantry, November 22, 1917, G. O. 58, A. G. O.

COMPANY G

Headquarters, Pine Plains — Platoon, Millerton

Organized as a Home Defense Unit July, 1917. Mustered into New York Guard as a unit 10th Infantry, Pine Plains platoon, November 1, 1917; Millerton platoon, November 3, 1917.

COMPANY H

Headquarters, Milton — Platoon, Marlboro

Organized as Home Defense Unit. Mustered into New York Guard as a unit, 10th Infantry, October 25, 1917.

COMPANY I

State Armory, John Street and Wickham Avenue, Middletown

Organized as a Depot Unit July, 1917. Mustered into State service, September 18, 1917. Mustered into New York Guard. Performed active duty with First Provisional Regiment guarding New York Aqueduct.

COMPANY K

Headquarters, Warwick

Organized as a Home Defense Unit. Mustered into the New York Guard November 5, 1917.

COMPANY L

State Armory, 145 Broadway, Newburgh

Organized as a Depot Unit July, 1917. Mustered into the New York Guard November 12, 1917.

FIRST INFANTRY — NEW YORK GUARD — (Continued)

COMPANY M

Headquarters, State Armory, Broadway and Hoffman Street, Kingslon Platoon, State Armory, 145 Broadway, Newburgh, N. Y.

The Kingston platoon organized as a Depot Unit July, 1917. Mustered into State service September 30, 1917. Mustered into New York Guard as Company M, 10th Infantry, November 12, 1917. Transferred to 1st Infantry November 22, 1917, G. O. 58, A. G. O.

The Newburgh platoon organized as a Home Defense Unit. Mustered into New York Guard as a platoon, Company M, 1st Infantry, November 12, 1917.

The following changes were made: Company K, Malone (mustered in, October 15, 1917), and Company D, Ogdensburg, (mustered in October 17, 1917), transferred to 5th Battalion, November 22, 1917 (G. O. 58). Mustered out: Company A, March 27, 1919; Company C, March 29, 1919; Company B, March 31, Company H, April 1, 1919; Company G, April 3, 1919; Company F, September 19, 1919.

August 1, 1919 (G. O. 21), the following companies were detached from the 8th Coast Defense Command, and assigned to the regiment: 9th Company from Yonkers; 10th Company from Mt. Vernon; 11th Company from White Plains; 12th Company from White Plains.

Redesignation of companies made:

| Old Designation | New Designation |
|---|---------------------|
| 9th Company, 8th Coast Defense Command | Company G |
| 10th Company, 8th Coast Defense Command | Company H |
| 11th Company, 8th Coast Defense Command | Company A |
| 12th Company, 8th Coast Defense Command | Company B |
| Machine Gun Company, 1st Infantry | Company E |
| Company F, 1st Infantry | Company K |
| Company K, 1st Infantry | Company F |
| Company G, 1st Infantry | Machine Gun Company |

FIRST INFANTRY, NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Rose, John Bailey, 31 July 17 | | | cap. 10 sep. co. 14 June 07 full and hon. dis. 3 Feb. 14 maj., depot bat. 1 July 16 col. 1 inf. 31 July 17 accepted. 1 Aug. 17 to duty with 1 prov. regt. 7 Aug. 17 | N. Y. 14 Apr. 75 |
| <i>Lieutenant Colonels</i> | | | | |
| Rogers, Archibald, 22 Nov. 17 reserve list. 20 Mar. 19 | | 1 lt. u. s. naval r. f., 23 Apr. 17 to 17 May 17 | cap., 2 brigade. 3 June 86 supn. 5 Aug. 86 a. d. c. Gov. Morton's staff, rank col. 1 Jan. 95 full and hon. dis. 31 Dec. 96 r. l. 23 Oct. 17 lt. col. 1 inf. 22 Nov. 17 accepted. 8 Dec. 17 | N. Y. 52 |
| Burnett, William Lewis, 20 Mar. 19 | | pvt. co. K, 1 regt. N. Y. vols. 2 May 98 corp. 19 July 98 to 26 Feb. 99 | pvt. 15 sep. co. 15 Jan. 97 corp. 2 May 99 sgt. 16 Nov. 99 1 sgt. 9 Oct. 01 2 lt. 21 Nov. 02 1 lt. 5 Nov. 03 cap. 10 inf. 4 June 00 maj. 13 Apr. 17 disc. 18 July 17 r. l. 27 July 17 maj. 1 inf. N. Y. G. 28 Feb. 18 1 prov. regt. 7 Aug. 17 lt. col. 20 Mar. 19 accepted. 21 Mar. 19 | N. Y. 28 June 79 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Cantline, Peter, 15 sep. 17 reserve list.... 19 dec. 19 | | | pvt., corp., co. E, 1 inf..... 21 nov. 07 to 17 jan. 12 1 lt. 17 jan. 12 cap. 17 apr. 14 resigned..... 22 mar. 15 r. l. 15 july 16 duty with depot bat. 1 inf..... 15 july 16 maj., 1 inf..... 15 sep. 17 accepted..... 19 sep. 17 | N. Y. 8 nov. 82 |
| Waterman, George B., 28 feb. 18 | | corp., sgt., co. I, 203 N. Y. inf., 11 july 98 to 25 mar. 99 | pvt. 23 sep. co..... 11 feb. 97 to 27 july 98 17 may 99 to 1 aug. 99 pvt. co. K, 10 inf..... 24 june 00 to 4 mar. 10 2 lt. 10 inf..... 4 mar. 10 resigned..... 8 mar. 15 cap. depot bat. 10 inf. 10 july 17 trans. to 1 inf..... 22 nov. 17 maj. 1 inf..... 28 feb. 18 accepted..... 2 mar. 18 | N. Y. 4 apr. 74 |
| Roche, John Joseph, 29 oct. 19 | | cap. 69 N. Y. inf., 19 may 98 to 31 jan. 99 | pvt. co. D, 69 inf..... 30 apr. 90 corp..... 28 feb. 93 sgt..... 3 dec. 94 sgt. maj..... 27 mar. 96 cap. 69 inf..... 30 apr. 98 supn..... 5 may 99 duty with depot bat. 69 inf..... 24 july 16 cap. 69 inf. N. Y. G. 18 oct. 17 1 prov. regt..... 7 aug. 17 maj. 1 inf..... 29 oct. 19 accepted..... 30 oct. 19 | N. Y. 11 sep. 72 |
| <i>Captains</i> | | | | |
| McVicar, William, 27 june 16 | G | pvt. co. B, 8 regt., N. Y. vols. 16 june 98 to 3 nov. 98 | pvt. 4 sep. co..... 7 may 96 dropped..... 16 july 98 taken up..... 12 dec. 98 corp..... 3 feb. 02 sgt..... 15 feb. 04 1 sgt..... 24 feb. 05 2 lt..... 28 dec. 06 1 lt. 10 inf..... 10 july 11 resigned..... 12 apr. 12 cap. 10 inf., depot bat..... 27 june 16 assigned to 8 c. d. c. 26 sep. 17 cap. with o. r..... 23 nov. 17 accepted..... 1 dec. 17 cap. 1 inf..... 1 aug. 19 accepted..... 30 aug. 19 | N. Y. 8 dec. 78 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Thiede, Otto..... 26 june 7 | H | co. I, 27, u. s. v., 1 aug. 99 hon. dis. ... 14 jan. 01 | pvt. co. B, 1 regt. ... 24 mar. 02 corp. 11 nov. 02 sgt. 26 mar. 06 qm. sgt. 20 dec. 06 full and hon. dis. 11 dec. 07 re-enlisted. 27 oct. 09 corp. 23 jan. 11 full and hon. dis. 14 apr. 11 re-enlisted. 17 apr. 11 sgt. 14 july 11 1 sgt. 17 aug. 14 hon. dis. 28 july 16 cap. depot bat., 10 inf. 26 june 17 tra. 8 c. a. c. 26 sep. 17 cap. 23 nov. 17 accepted. 28 nov. 17 cap. 1 inf. 1 aug. 19 accepted. 29 aug. 19 | N. Y. 22 nov. 80 |
| Fowler, Everett, 12 july 17 | | | pvt. 14 sep. co. 8 apr. 86 sgt. 12 apr. 88 1 sgt. 15 apr. 89 dis. 15 apr. 91 cap 14 co. 5 may 04 f. and h. dis. 9 nov. 08 r. l. 4 june 17 co. M, 10 inf. 12 july 17 to 1 inf. 28 nov. 17 cap. 1 inf. 28 feb. 18 accepted. 1 mar. 18 | N. Y. 4 nov. 61 |
| Hutton, Thomas Radcliff, 7 aug. 17 reserve list.... 4 mar. 19 | B | | cap. 1 inf. 7 aug. 17 accepted. 7 aug. 17 1 prov. regt. 7 aug. 17 relieved. 21 feb. 19 | Wyo. 8 june 92 |
| Decker, Edward Madden, 15 sep. 17 | I | corp., co. I, 1 regt. N. Y. vols. 2 may 98 sgt. 10 dec. 98 to 21 feb. 99 pvt. co. C, 1 bat. N. G. N. J. 17 jan. 91 dropped.... 3 dec. 91 | pvt. 24 sep. co. N. G. N. Y. 29 jan. 95 corp. 7 feb. 98 sgt. 28 july 99 hon. dis. 29 jan. 00 re-enlisted. 29 jan. 00 warrant as sgt. renewed. 2 lt. 22 feb. 01 cap., 1 inf. 27 jan. 09 with rank from. 20 jan. 09 resigned. 26 apr. 11 r. l. 18 dec. 15 cap. 1 inf. 15 sep. 17 accepted. 15 sep. 17 1 prov. regt. 17 sep. 17 relieved. 18 feb. 19 | N. Y. 16 jan. 71 |
| Cathcart, Oswald John, 15 sep. 17 | E | | cap. 1 inf. 15 sep. 17 accepted. 21 sep. 17 | Pa. 8 sep. 81 |
| Sproul, Charles Le Roy, 18 oct. 17 reserve list.... 25 mar. 19 | C | co. D, 22 N. Y. vols. 21 may 98 to 23 nov. 98 | cap. 71 inf. 18 oct. 17 accepted. 19 oct. 17 tra. to 1 inf., N. Y. G. 14 nov. 17 | |
| Baldwin, Ralph Labagh, 20 oct. 17 reserve list.... 19 nov. 19 | D | | pvt. co. H, 7 inf. 17 mar. 11 corp. 8 jan. 13 hon. dis. 26 june 15 cap. 2 f. a. 20 oct. 17 accepted. 25 oct. 17 tra. 1 inf. 14 nov. 17 cap. 1 inf. 14 nov. 17 with rank from. 20 oct. 17 accepted. 18 feb. 18 | N. Y. 9 sep. 80 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|----------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Serrell, Edward Paul, 26 oct. 17 reserve list....25 mar. 19 | A | corp. co. B, 22 N. Y. vols..... 9 may 98 sgt..... 24 may 98 1 sgt..... 29 sep. 98 2 lt..... 1 nov. 98 | pvt. 22 regt..... 1 may 93 corp..... 27 june 95 sgt..... 17 may 98 1 lt..... 26 feb. 99 cap..... 6 dec. 01 full and hon. dis. 28 may 04 r. l. cap. 19 sep. 17 cap. co. H, 22 engs., N. Y. G. 26 oct. 17 cap. co. A, 1 inf., N. Y. G. 14 nov. 17 accepted..... 16 feb. 18 | N. Y. 1 sep. 72 |
| Langworthy, Harry Wells, 8 nov. 17 | i. s. a. p. | ..... | cap. 71 inf. 8 nov. 17 accepted..... 12 nov. 17 tra. to 1 inf. 14 nov. 17 | N. Y. 5 june 84 |
| Langschur, Jacob, 20 nov. 17 reserve list....25 mar. 19 | B | enl. at West Point, eng. corps, u. s. a., 26 sep. 98 S. A. war and Philli- pine campaign, dis..... 23 mar. 02 | cap., 1 inf. 20 nov. 17 accepted..... 28 nov. 17 | N. Y. 27 jan. 79 |
| Scherman, Eugene, 4 dec. 17 reserve list....22 mar. 19 | sup. off. | ..... | 1 lt. qm. c. 8 nov. 17 cap. 1 inf. 4 dec. 17 accepted..... 7 dec. 17 1 prov. regt. 15 nov. 17 relieved..... 17 sep. 18 | ..... |
| Still, Edwin F., 28 feb. 18 | F | co. E, 2 N. Y. vols., 1 july 98 hon. dis. 29 aug. 18 | 16 sep. co. 1896- 1 july 98 cap. 1 inf. 28 feb. 18 accepted..... 2 mar. 18 | N. Y. 3 aug. 78 |
| Baker, Charles A., 28 feb. 18 | ..... | ..... | pvt. 15 sep. co. 25 may 86 corp..... 3 apr. 88 sgt..... 24 mar. 90 dropped..... 28 sep. 96 taken up..... 12 sep. 06 qm. sgt..... 21 sep. 06 2 lt. 10 inf. 6 jan. 09 1 lt..... 27 nov. 09 f. and h. dis. 18 sep. 16 cap. 1 inf. 28 feb. 18 accepted..... 4 mar. 18 | N. Y. 11 dec. 68 |
| Murray, Arthur Sherman, 28 feb. 18 reserve list....29 aug. 19 | F | ..... | pvt. 10 inf. 19 dec. 00 corp..... 21 aug. 05 sgt..... 22 oct. 06 hon. dis. 15 aug. 08 1 lt. 10 inf. d. b. co. K. 21 june 17 to 1 inf., N. Y. G. 22 nov. 17 cap..... 28 feb. 18 accepted..... 4 mar. 18 1 prov. regt. 10 oct. 18 relieved..... 31 jan. 19 | N. Y. 5 june 84 |
| Baldwin, Charles W., 15 may 18 | chap. | ..... | cap. chaplain, 1 inf., N. Y. G. 15 may 18 accepted..... 17 may 18 1 prov. regt. 13 nov. 18 relieved..... 31 jan. 19 | N. Y. 31 mar. 88 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Odell, Isaac Herbert, 5 june 18 | B | ..... | pvt. co. I, 22 regt. N. Y. N. G. 31 mar. 93 corp. 6 july 96 dis. 2 may 98 1 lt. c. a. c., N. Y. G. 14 mar. 18 cap. 5 june 18 accepted. 7 june 18 to 1 inf., N. Y. G. 1 aug. 19 cap. 1 aug. 19 accepted. 29 aug. 19 | N. Y. 23 july 67 |
| Newsome, Terence, 29 oct. 18 | L | mustered into u. s. ser. 19 june 16 out 6 oct. 16 mustered into u. s. ser. 30 mar. 17 dis. for dependency, 16 aug. 17 1 lt. inf. 20 may 18 cap. 29 oct. 18 hon. dis. 5 may 19 | pvt. co. B, 71 inf. 1 mar. 98 corp. 2 feb. 03 sgt. 9 nov. 06 1 sgt. 1 feb. 17 2 lt. 1 inf. 22 nov. 17 accepted. 26 nov. 17 f. and h. dis. 21 june 18 cap. 1 inf. 12 june 19 accepted. 16 june 19 | N. Y. 16 june 79 |
| Lord, Avery E., 1 dec. 18 reserve list. 27 feb. 19 | ..... | ..... | 2 lt. 1 inf., N. Y. G. 1 oct. 17 trs. 10 inf. 22 nov. 17 trs. 1 inf. 23 dec. 16 cap. 1 inf. 1 dec. 18 accepted. 10 dec. 18 1 prov. regt. 1 sep. 17 relieved. 20 feb. 19 | ..... |
| Therkildsen, Thomas W., 21 mar. 19 | adj. | ..... | pvt. depot bat. 10 inf. corp. 26 july 17 bat. sgt. maj. 2 aug. 17 1 lt. 1 inf. 1 nov. 17 cap. 4 dec. 17 accepted. 21 mar. 19 1 prov. regt. 22 mar. 19 relieved. 4 dec. 17 24 may 19 | N. Y. 15 sep. 89 |
| Mulford, Charles L., 22 mar. 19 | sup. off. | ..... | pvt. co. E, 7 inf. 11 may 00 dropped. 7 mar. 03 taken up. 7 jan. 10 qm. s. 24 oct. 11 f. and h. dis. 17 nov. 14 pvt. co. C, 7 inf. 26 july 16 2 lt. qm. c. 15 oct. 18 1 lt. 3 mar. 19 cap. 1 inf. 22 mar. 19 accepted. 22 mar. 19 1 prov. regt. 15 oct. 18 | N. Y. 29 june 65 |
| Straug, Arthur Innis, 19 june 19 reserve list. 17 dec. 19 | A | ..... | 2 lt. depot batn., 10 inf. 14 june 17 trs. 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 23 nov. 17 1 lt. 28 feb. 18 cap. 19 june 19 cap. 1 inf. 1 aug. 19 accepted. 8 sep. 19 | N. Y. 19 apr. 74 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|---|--------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants</i> | | | | |
| Penoyar, William Brewster, 4 june 15 | E | mustered into u. s. ser. 11 aug. 16 out 20 sep. 16 into 17 july 17 co. E, 107 inf. 15 oct. 17 hon. dis. ... 3 sep. 19 | pvt., corp., sgt., qm. sgt. co. E, 1 inf. 23 nov. 08 to 11 dec. 14 2 lt. 11 dec. 14 1 lt. 4 june 15 accepted. 9 june 15 dft. 5 aug. 17 1 lt. 1 inf. 7 nov. 19 accepted. 11 nov. 19 | N. Y. 20 jan. 82 |
| Fowler, Joseph M., 11 july 17 f. and h. dis. ... 7 feb. 19 | M | corp. co. M, 1 regt. N. Y. vols. ... 2 may 98 2 lt. 12 oct. 98 to 26 feb. 99 | pvt. 14 sep. co. 7 nov. 95 corp. 2 may 98 1 sgt. 19 apr. 99 2 lt. 8 dec. 99 1 lt. 21 sep. 00 full and hon. dis. 3 feb. 05 1 lt. d. b., 10 inf. 11 july 17 accepted. 18 july 17 trans. to 1 inf. 28 nov. 17 1 lt. 1 inf. 28 feb. 18 accepted. 1 mar. 18 | N. Y. 15 july 73 |
| Dominick, DeWitt Clinton, Jr., 15 sep. 17 hon. dis. 24 oct. 19 | L | | 1 lt. 1 inf. 15 sep. 17 accepted. 19 sep. 17 | N. Y. 25 aug. 99 |
| Whritenour, George Edward, 18 oct. 17 reserve list. 27 feb. 19 | C | | 1 lt. 71 inf. 18 oct. 17 accepted. 19 oct. 17 trans. to 1 inf. 14 nov. 17 1 prov. regt. 10 oct. 18 | |
| Betts, Walter S., 2 nov. 17 reserve list. 25 mar. 19 | H | | 1 lt. 10 inf. 2 nov. 17 accepted. 14 nov. 17 trans. 1 inf. 22 nov. 17 | Val-halla, 14 apr. 93 |
| Dunlop, Beveridge Colin, 8 nov. 17 reserve list. 25 mar. 19 | A | u. s. ser. 2 N. J. vols. — apr. 98 corp. — july 98 dis. — nov. 98 2 regt. N. G. N. J., until 1900. | 1 lt. 71 inf. 8 nov. 17 accepted. 18 nov. 17 trans. to 1 inf. 11 nov. 17 | N. J. 28 apr. |
| Finegan, James Edward, 20 nov. 17 reserve list. 25 mar. 19 | B | | 1 lt. 1 inf. 20 nov. 17 accepted. 28 nov. 17 | N. Y. 3 sep. 81 |
| Conklin, James Arthur, 8 jan. 18 reserve list. 25 mar. 19 | H | | 2 lt. 10 inf. 7 nov. 17 trans. 1 inf. 22 nov. 17 1 lt. 1 inf. 8 jan. 18 accepted. 11 jan. 18 | |
| Garthwaite, Albert Newton, 1 feb. 18 | G | | pvt. 4 co. 28 dec. 91 corp. 6 jan. 96 full and hon. dis. 20 jan. 97 2 lt. 8 c. a. c. 1 nov. 17 1 lt. 1 feb. 18 1 lt. 1 inf. 1 aug. 19 accepted. 8 sep. 19 | N. Y. 15 sep. 70 |
| Arnold, Charles W. H., 28 feb. 18 reserve list. 19 dec. 19 | K | | 1 lt. 1 inf. 28 feb. 18 accepted. 1 mar. 18 | N. Y. 5 may 60 |
| Bowman, Wilber J., 28 feb. 18 | m. g. co. | | 1 lt. 1 inf. 28 feb. 18 accepted. 2 mar. 18 1 prov. regt. 8 nov. 18 relieved. 12 jan. 19 | N. Y. 15 apr. 77 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Arnold, Harry, 28 feb. 18 reserve list.... 29 aug. 19 | F | | 2 lt. depot bat. 10 inf. 21 june 17 trs to 1 inf. 22 nov. 17 1 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18 | N. Y. 14 oct. 77 |
| Weeden, Leslie, 28 feb. 18 | F | | 1 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18 | N. Y. 2 aug. 96 |
| Beahan, William J., 28 feb. 18 | bat. adj. | | co. E, 1 inf. 1 nov. 07 corp. 19 dec. 12 hon. dis. 10 dec. 13 1 lt. 1 inf. 28 feb. 18 accepted. 5 mar. 18 | N. Y. 1 sep. 78 |
| Cregier, Abbott Michael, 10 may 18 reserve list.... 19 nov. 19 | D | | 2 lt. 2 f. a. 20 oct. 17 accepted. 24 oct. 17 2 lt. 1 inf. 14 nov. 17 with rank from. 20 oct. 17 1 lt. 10 may 18 accepted. 13 may 18 | N. Y. 20 jan. 80 |
| Lubs, John H., 5 june 18 | B | | pvt. 8 c. a. c., N. Y. G. 3 dec. 17 2 lt. c. a. c. 14 mar. 18 1 lt. 5 june 18 accepted. 8 june 18 1 lt. 1 inf. 1 aug. 19 accepted. 2 sep. 19 | N. Y. 23 aug. 83 |
| Riggs, Oscar H., 18 july 18 | bat. adj. | | pvt. co. D, 1 inf. 22 nov. 17 corp. 22 nov. 17 sgt. 22 feb. 18 bat. sgt. maj. 25 apr. 18 1 lt. 1 inf. 18 july 18 accepted. 20 apr. 18 | N. Y. 17 oct. 86 |
| Witschief, Graham, 30 july 18 f. and h. dis... 7 nov. 19 | E | | pvt. co. E, 1 regt. 25 oct. 07 corp. 24 mar. 08 hon. dis. 25 july 11 1 lt. 30 july 18 accepted. 2 aug. 18 | N. Y. 30 feb. 75 |
| Huddelson, Alfred, Jr., 30 july 18 | L | mustered into u. s. ser. 11 aug. 16 out 23 nov. 16 into 15 july 17 2 lt. inf. 25 may 18 1 lt. 30 july 18 hon. dis. 13 aug. 19 | pvt. co. L, 1 inf. 2 oct. 13 corp. 1 june 16 sgt. 18 mar. 17 dft. 5 aug. 17 1 lt. inf. 11 oct. 19 accepted. 27 oct. 19 | N. Y. 30 june 93 |
| De Witt, Harvey S., 6 aug. 18 | I | | 1 lt. 1 inf. 6 aug. 18 accepted. 12 aug. 18 | N. J. 28 oct. 79 |
| Hiltebrandt, Oscar Raymond, 21 mar. 19 | M | | 2 lt. depot bat. 10 inf. 11 july 17 accepted. 21 july 17 trs. to 1 inf. 28 nov. 17 2 lt. 1 inf. 28 feb. 18 1 lt. 21 mar. 19 accepted. 7 apr. 19 | N. Y. 30 dec. 84 |
| Sullivan, Daniel J., 24 may 19 | H | c. o. t. a., camp Lee, 2 lt. inf. 13 sep. 18 hon. dis. 13 jan. 19 | pvt. co. H, 10 inf. 5 apr. 12 hon. dis. 29 sep. 13 re-enlisted. 26 june 16 hon. dis. 26 july 17 re-enlisted, N. Y. G. 23 apr. 18 hon. dis. 23 sep. 18 1 lt. 8 c. a. c. 24 may 19 1 lt. 1 inf. 1 aug. 19 accepted. 19 aug. 30 | N. Y. 22 jan. 88 |

FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Furman, Eugene Austin, 29 nov. 19 | A | | pvt. 11 co. 8 c. a. c., N. Y. G. 4 sep. 17 sgt. feb. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 2 lt. 1 inf., N. Y. G. ... 1 aug. 19 1 lt. 29 nov. 19 accepted. 4 dec. 19 | N. Y. 23 sep. 79 |
| <i>Second Lieutenants</i> | | | | |
| Walsh, Edward D., 26 oct. 17 reserve list ... 25 mar. 19 | A | | 2 lt. 22 engs. 26 oct. 17 2 lt. 1 inf. 14 nov. 17 accepted. 18 feb. 18 | N. Y. 12 apr. 71 |
| Lankan, Albert John, 9 nov. 17 | sup. co. | | pvt. 9 c. a. c. 15 oct. 00 hon. dis. 15 oct. 05 2 lt. 1 inf. 9 nov. 17 accepted. 17 nov. 17 to 1 inf. 14 nov. 17 1 prov. regt. 10 oct. 18 relieved. 12 jan. 19 | N. Y. 1 oct. 83 |
| Hamilton, Walter G., 20 nov. 17 reserve list ... 25 mar. 19 | B | | 2 lt. 1 inf. 20 nov. 17 accepted. 26 nov. 17 | |
| Bates, William N., 28 feb. 18 reserve list ... 18 mar. 19 | G | | 2 lt. 1 inf. 28 feb. 18 accepted. 2 mar. 18 | N. Y. 29 sep. 72 |
| Polhemus, Robert F., 28 feb. 18 reserve list ... 29 aug. 19 | F | | co. K, 23 inf. 23 nov. 03 dropped. 4 dec. 05 co. K, 10 inf. 1 aug. 17 act. 1 sgt. 7 jan. 18 2 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18 1 prov. regt. 10 oct. 18 relieved. 13 mar. 19 | N. Y. 17 mar. 81 |
| Rosen, Reuben M., 28 feb. 18 | K | | 2 lt. co. E, 1 inf. 28 feb. 18 accepted. 4 mar. 18 | N. Y. 2 dec. 90 |
| Williams, Charles E., 28 feb. 18 | G | | pvt. 4 sep. co. 22 mar. 94 corp. 2 dec. 98 sgt. 20 nov. 99 full and hon. dis. 6 nov. 02 2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 accepted. 4 mar. 18 to 1 inf. 1 aug. 19 2 lt. 1 inf. 1 aug. 19 accepted. 9 sep. 19 | N. J. 12 may 75 |
| Kerkau, Fred A., 28 feb. 18 | F | U. S. N. ... 10 jan. 03 to 9 jan. 07 | 2 lt. 1 inf. 28 feb. 18 accepted. 5 mar. 18 | Mich. 4 aug. 85 |
| Vinton, Harry, 9 apr. 18 f. and h. dis. ... 27 nov. 19 | H | | pvt. co. B, 1 regt. 28 apr. 02 full and hon. dis. 22 aug. 07 re-enl. co. H, 10 regt. 8 mar. 11 full and hon. dis. 8 nov. 15 2 lt. 8 c. a. c., N. Y. G. 9 apr. 18 accepted. 12 apr. 18 to 1 inf. 1 aug. 19 | Eng. 3 dec. 78 |
| Wilson, Frederick W., 16 apr. 18 f. and h. dis. ... 9 july 19 | L | | pvt. 10 co. 28 nov. 88 hon. dis. 7 june 94 2 lt. 1 inf. 16 apr. 18 accepted. 23 apr. 18 | Eng. 8 oct. 69 |

FIRST INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Tompkins, Walter A., 11 june 18 reserve list. . . . 19 nov. 19 | D | ..... | pvt. co. D, 1 inf. . . . 1 nov. 17 1 sgt. 30 jan. 18 2 lt. 11 june 18 accepted. 14 june 18 | N. Y. 13 june 84 |
| Odell, Benjamin B., 29 july 18 | E | ..... | 2 lt. 1 inf. 29 july 18 accepted. 31 july 18 | N. Y. 12 dec. 86 |
| Lyman, Charles A., 6 aug. 18 | I | Mass. vol. mil., apr. 1896-1897. | 2 lt. 1 inf. 6 aug. 18 accepted. 13 aug. 18 | Mass. 30 june 79 |
| Spencer, Arnold F., 22 apr. 19 | L | mustered into u. s. ser. 15 july 17 co. L, 1 pion. inf., 4 jan. 18 to o. t. c., Fr., 19 oct. 18 2 lt. inf. 22 apr. 19 hon. dis. . . . 5 aug. 19 | pvt. co. L, 1 inf. . . . 25 nov. 08 hon. dis. 14 jan. 16 re-enlisted. 26 jan. 16 dft. 5 aug. 17 2 lt. 1 inf. 17 oct. 19 accepted. 25 oct. 19 | Eng. 27 nov. 82 |
| Traver, Frederick G., 26 june 19 | M | ..... | pvt. co. M, d. b. 10 to co. M, 1 inf. . . . 23 nov. 17 2 lt. 1 inf. 26 june 19 accepted. 5 july 19 | 28 jan. 74 |
| Finch, Charles B., 30 aug. 19 | sup. co. | ..... | pvt. co. M, d. b. 10 inf. 25 june 16 sgt. 17 june 17 to co. M, 1 inf. . . . 12 july 17 2 lt. 1 inf. 30 aug. 19 accepted. 3 sep. 19 | N. Y. 30 may 85 |

SECOND INFANTRY, N. Y. G.

(Third Brigade)

Headquarters, Bolton Hall, Troy, N. Y.

Reorganized in accordance with G. O. 59, A. G. O., November 22, 1917, to include all infantry units mustered into the New York Guard or to be mustered in from the counties of Rensselaer, Schenectady, Montgomery, Fulton, Saratoga, Washington, Warren, Hamilton and Essex.

COMPANY A

Bolton Hall, Troy, N. Y.

Organized as a Depot Unit May 8, 1917. Mustered into the State Service July 31, 1917. Mustered into the New York Guard November 13, 1917.

COMPANY B

State Armory, 4 Hart Street, Cohoes, N. Y.

Organized as a Depot Unit April 2, 1917. Mustered into the New York Guard November 13, 1917.

COMPANY C

Bolton Hall, Troy, N. Y.

Mustered into the New York Guard, November 20, 1917.

COMPANY D

Canajoharie, N. Y.

Organized as a Home Defense Unit May 8, 1917. Mustered into State service June 26, 1917. Mustered into the New York Guard November 1, 1917.

COMPANY E

State Armory, Schenectady, N. Y.

Organized as a Home Defense Unit July 5, 1917. Mustered into the New York Guard November 20, 1917.

COMPANY F

State Armory, Schenectady, N. Y.

Organized as a Depot Unit July 1, 1917. Reorganized July 20, 1917. Mustered into the New York Guard August 8, 1917.

COMPANY G

87-93 Washington Street, Gloversville, N. Y.

Organized as a Depot Unit June, 1916. Disbanded October 19, 1916. Reorganized and mustered in as a Depot Unit July 20, 1917. Mustered into the New York Guard November 16, 1917.

COMPANY H

State Armory, Florida Avenue and De Witt Street, Amsterdam, N. Y.

Organized as a Depot Unit June 25, 1916. Disbanded October, 1916. Reorganized March 25, 1917. Mustered into State service July 19, 1917. Mustered into the New York Guard November 12, 1917.

COMPANY I

State Armory, Whitehall, N. Y.

Organized as a Depot Unit September 24, 1917, from detachments at Granville, Fort Edward and Whitehall. Mustered into the New York Guard November 10, 1917, with Station at Fort Edward, N. Y. Mustered out April 14, 1919. New company mustered in at Whitehall, N. Y., June 12, 1919.

COMPANY K

State Armory, Glens Falls, N. Y.

Organized as a Depot Unit July 18, 1917. Mustered into State service August 27, 1917. Mustered into the New York Guard November 12, 1917.

COMPANY L

State Armory, Saratoga, N. Y.

Organized as a Depot Unit and mustered into State service July 25, 1917. Mustered into the New York Guard November 16, 1917.

COMPANY M

State Armory, Hoosick Falls, N. Y.

Organized as a Depot Unit July 1, 1917. Mustered into the New York Guard November 10, 1917.

Detachments from the various companies performed active duty in guarding public property with the 2d Provisional Regiment.

SECOND INFANTRY — NEW YORK GUARD — (Continued)

The following changes were made: August 1, 1919 (G. O. 21, A. G. O.), Company M, Hoosick Falls, to be Hoosick Falls Platoon and attached to Company C.

Assigned: Company B, 5th Battalion, to be Company M, Saranac; Company C, 5th Battalion, to be Tupper Lake Platoon, Company M; Company F, 5th Battalion, to be Plattsburg Platoon, Company I.

September 9, 1919 (G. O. 24, A. G. O.), amended the above: Company M, to retain old designation; Company B, 5th Battalion, to be Saranac Lake Platoon, Company L; Company C, 5th Battalion, to be Tupper Lake Platoon, Company D; Company F, 5th Battalion, to be Plattsburg Platoon, Company I.

December 26, 1919 (G. O. 34, A. G. O.), Tupper Lake Platoon, Company D, disbanded; Company D, Canajoharie, reorganized as a platoon to be attached to Company G; Saranac Lake Platoon, Company L, to be Company D; Plattsburg Platoon, Company I, attached to Company D.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— Spanish-American War, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.— Buffalo, 1892; Albany, 1901; Hudson Valley, 1902; Corinth — South Glens Falls — Fort Edward, 1910.

SECOND INFANTRY, NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Colonels | | | | |
| Dauchy, William Powers, 22 nov. 17 reserve list.... 1 may 19 | | pvt., co. A, 2 regt. N. Y. vols. to 25 oct. 98 | pvt. 6 sep. co..... 16 nov. 97 corp..... 31 oct. 01 agt..... 21 July 04 1 lt..... 2 aug. 07 full and hon. dis..... 6 feb. 11 cap. depot bat. 2 inf. 27 June 16 cap. 2 inf..... 26 oct. 17 maj..... 7 nov. 17 col..... 22 nov. 17 accepted..... 24 nov. 17 | |
| Gillet, Ransom H., 1 may 19 Citizen, C. S. C. | | pvt. N. G. D. C., nov. 1894. dpd., may 1895. cadet, naval acad., 6 sep. 95 resigned... 10 feb. 96 seaman, n. m., Conn., jan. to apr., 1898. o. t. a., maj. 106 inf. hon. dis... 1 apr. 19 | pvt. 6 sep. co..... 20 nov. 00 lance corp..... 1 feb. 03 2 lt..... 6 Jan. 04 1 lt..... 8 June 04 cap..... 31 May 07 maj. 2 inf..... 16 Apr. 13 accepted..... 16 Apr. 13 full and hon. dis..... 16 Mar. 14 r. l..... 9 Jan. 18 col. 2 inf..... 1 May 19 accepted..... 3 May 19 | N. Y. 25 Feb. 77 |
| Lieutenant Colonels | | | | |
| Jackson, Alexander M., 10 nov. 17 f. and h. dis. . 31 July 19 | | | pvt., corp., agt., co. E, 2 inf..... 3 Apr. 02 to 30 Nov. 07 pvt., agt., co. F, 2 inf..... 10 Dec. 07 to 30 Dec. 10 pvt. hdqrs. detach- ment..... 28 Apr. 13 to 16 May 13 cap. o. d..... 16 May 13 cap. 2 inf..... 1 May 14 resigned..... 3 July 15 r. l..... 13 Apr. 16 cap..... 29 Sep. 16 lt. col..... 10 Nov. 17 accepted..... 10 Nov. 17 | W. I. 25 Dec. 78 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonels—Continued</i> | | | | |
| Collin, Thomas Campbell, 1 aug. 19 reserve list.... 3 sep. 19 | | cap. co. B, 2 N. Y. vols.... 16 may 98 maj. 2 inf. N. Y. vols. 23 may 98 to 25 oct. 98 | pvt. 7 co. 24 feb. 76 corp. 23 june 78 1 sgt. 5 oct. 78 2 lt. 21 feb. 81 1 lt. 7 may 84 hon. dis. 5 mar. 89 cap. 7 co. 19 june 90 hon. dis. 2 nov. 98 bvt. maj. 3 nov. 98 bvt. lt. col. 5 nov. 98 hon. dis. 29 may 03 cap. d. inf. 3 july 16 cap. 2 inf. 26 oct. 17 maj. 16 apr. 18 lt. col. 1 aug. 19 accepted. 3 aug. 19 | Eng. 19 aug. 55 |
| McGaffin, John, 3 sep. 19 | | 1 lt. 2 N. Y. vols., 2 may 98 cap. 22 june 98 to 25 oct. 98 cap. inf. 27 nov. 17 to tr. C, 310 cav., 18 jan. 18 to 58 f. a., 3 oct. 18 to 20 am. tr. 16 nov. 18 hon. dis. 10 dec. 18 | pvt. 7 sep. co. 9 may 87 corp. 28 dec. 88 to rank, request. 2 feb. 91 qm. s. 9 june 92 1 lt. 18 jan. 95 full and hon. dis. 27 may 01 1 lt. inf. 3 oct. 02 cap. 17 july 03 maj. 2 inf. 29 july 11 lt. col. 18 mar. 13 accepted. 24 mar. 13 full and hon. dis. 13 jan. 16 r. l. 14 july 16 dis. to enter U. S. ser. r. l. 23 dec. 18 lt. col. 2 inf. 3 sep. 19 accepted. 5 sep. 19 | N. Y. 6 nov. 69 |
| <i>Majors</i> | | | | |
| Hays, Roscoe Grant, 7 nov. 17 | | | pvt. 9 sep. co. 10 jan. 07 1 lt. 8 aug. 07 cap. 2 inf. 23 dec. 10 resigned. 13 dec. 13 cap. 2 inf. 30 june 16 maj. 7 nov. 17 accepted. 14 nov. 17 | N. Y. 22 july 73 |
| Wheaton, Van Benschoten, 16 apr. 18 reserve list.... 19 june 19 | | mustered into u. s. ser. 7 aug. 16 out — sep. 18 | pvt. 46 sep. co. 3 sep. 88 full and hon. dis. 6 sep. 93 1 lt. 146 sep. co. 14 may 98 hon. dis. 24 apr. 98 pvt. co. H, 2 regt. 16 mar. 99 corp. 26 feb. 00 full and hon. dis. 29 mar. 01 2 lt. 2 regt. 29 mar. 01 full and hon. dis. 6 apr. 06 cap. depot bat. 2 inf. 20 june 16 cap. 2 inf. with o. r. 26 oct. 16 maj. 16 apr. 18 accepted. 17 apr. 18 2 prov. regt. 6 aug. 17 relieved. 5 oct. 18 | N. Y. 4 aug. 70 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Majors—Continued | | | | |
| Clinton, Jacob Sanders, 12 July 19 | ..... | pvt. co. F, 2 N. Y. inf. 2 May 98 to 31 Oct. 98 mustered into u. s. ser. 1 July 16 out 20 Oct. 16 into 30 Mar. 17 cap. 106 inf. hon. dis. . . 1 Apr. 19 | pvt., corp., sgt., 37 sep. co. 3 Mar. 98 hon. dis. 3 Mar. 10 re-enlisted . . . 3 Mar. 10 2 lt. 2 inf. 23 Dec. 10 1 lt. 29 May 12 cap. 29 Apr. 15 accepted 30 Apr. 15 dft. 5 Aug. 17 r. l. 2 June 19 maj. 2 inf. 12 July 19 accepted 15 July 19 | N. Y. 4 Nov. 79 |
| Donnelly, William Martin, 25 July 19 reserve list. . . 15 Sep. 19 | ..... | pvt. co. A, 2 N. Y. vols. 15 Feb. 98 to 25 Oct. 98 | pvt. co. A, 2 inf. 26 Sep. 99 corp. 18 Apr. 01 sgt. 23 July 04 1 sgt. 6 July 07 full and hon. dis. . . 23 June 09 1 lt. 20 Nov. 17 cap. 10 May 18 maj. 25 July 19 accepted 28 July 19 | N. Y. 18 July 77 |
| Bradshaw, George Frederick, 13 Sep. 19 Graduate Garrison Schools, 1915. | ..... | 1 sgt. co. C, 2 N. Y. inf. 2 May 98 to 25 Oct. 98 mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 cap. 105 inf. hon. dis. . . 1 Apr. 19 | pvt., corp., 12 sep. co., regt. sgt. maj., 2 inf. 24 Jun. 95 1 lt. 2 inf. 6 Dec. 09 cap. 3 Apr. 13 accepted 4 Apr. 13 dft. 5 Aug. 17 cap. 2 inf. 9 June 19 maj. 13 Sep. 19 accepted 16 Sep. 19 | N. Y. 10 Nov. 74 |
| Captains | | | | |
| Thiessen, Frederick Allen, 3 Apr. 16 | adj. | mustered into u. s. ser. 1 July 16 out 30 Oct. 16 into 30 Mar. 17 cap. 105 inf. hon. dis. . . 28 July 19 | pvt., corp., sgt., 6 sep. co. 18 Feb. 03 to 1 Aug. 11 2 lt. 2 inf. 1 Aug. 11 1 lt. 31 Jan. 13 cap. 3 Apr. 16 accepted 3 Apr. 16 dft. 5 Aug. 17 r. l. 2 Sep. 19 cap. 2 inf. 19 Dec. 19 accepted 23 Dec. 19 | N. Y. 24 Apr. 85 |
| Fremmer, Frank, 22 Aug. 16 | G | ..... | pvt. co. G, 2 inf. 9 Feb. 05 dropped. 25 Feb. 07 taken up. 16 Mar. 07 corp. 17 Mar. 09 qm. sgt. 2 Jan. 12 full and hon. dis. . . 26 May 13 re-enlisted. 26 May 13 2 lt. 24 July 13 full and hon. dis. . . 3 Aug. 14 r. l. 4 May 16 2 lt. depot bat. 2 inf. . 11 July 16 cap. depot unit. . . . 22 Aug. 16 cap. 2 inf. 26 Oct. 17 accepted 3 Nov. 17 2 prov. regt. 6 Aug. 17 | N. Y. 6 Feb. 84 |
| Bastow, Elwood Thomas, 10 July 17 reserve list. . . 13 May 19 | M | ..... | cap. depot bat. 2 inf. . 10 July 17 cap. 2 inf. with o. r. . 26 Oct. 17 accepted 31 Oct. 17 2 prov. regt. 25 Oct. 17 relieved. 31 Jan. 19 | ..... |

SECOND INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Marsh, Clifford Myron, 18 July 17 f. and h. dis. . . 19 Aug. 19 | K | ..... | pvt. 118 sep. co. 14 May 98 2 lt. 16 May 98 supny. 10 Dec. 98 assigned 18 sep. co. . . . 8 Sep. 99 1 lt. 2 inf. 24 July 03 resigned. 3 June 09 cap. depot bat. 2 inf. 18 July 17 cap. 2 inf. 18 July 17 accepted. 31 Oct. 17 | Conn. |
| Owen, Paul Dale, 15 Sep. 17 reserve list. . . 17 Dec. 19 | adjt. | ..... | pvt. co. A, 2 inf., tra. co. 1, 74 inf., tra. co. A, 2 inf., corp., post qm. sgt. 28 Oct. 08 to 2 May 13 2 lt. 2 May 13 full and hon. dis. . . . 24 Feb. 16 2 lt. 27 June 16 cap. 2 inf. 15 Sep. 17 accepted. 19 Sep. 17 act. adj. 2 prov. regt. 6 Aug. 17 | N. Y. 18 June 89 |
| Hughes, George, 15 Oct. 17 reserve list. . . 29 Oct. 19 | M | 1 lt. 2 N. Y. inf., 2 May 98 to 1 Nov. 98 mustered into u. s. ser. 7 Aug. 16 out — Sep. 16 | pvt. 46 sep. co. 3 Sep. 88 corp. 28 Nov. 88 sgt. 18 Apr. 92 1 lt. 18 Apr. 92 cap. 6 July 06 retired. 26 Nov. 13 r. l. 3 Aug. 16 cap. 2 inf. 15 Oct. 17 accepted. 15 Oct. 17 2 prov. regt. 15 Oct. 17 | Ire. 16 Nov. 70 |
| Strope, Oscar C., 30 Oct. 17 | D | mustered into u. s. ser. 15 May 98 out 25 Oct. 98 into 30 Mar. 17 out 20 Aug. 17 | pvt. 21 sep. co. 8 Mar. 95 full and hon. dis. . . . 10 Apr. 00 pvt. co. D, 2 inf. 9 Jan. 05 corp. 27 Jan. 06 sgt. 27 July 07 full and hon. dis. . . . 13 Dec. 08 re-enlisted, warrant continued. 13 Dec. 08 1 sgt. 20 Dec. 12 full and hon. dis. . . . 10 May 16 re-enlisted, warrant continued. 10 May 16 cap. 30 Oct. 17 accepted. 1 Nov. 17 | N. Y. 25 Aug. 75 |
| Barker, Charles W. T., 23 Nov. 17 hon. dis. 7 Feb. 19 | A | ..... | 1 lt. 13 Sep. 17 cap. 23 Nov. 17 accepted. 26 Nov. 17 | ..... |
| Stickney, Edward Poe, 4 Dec. 17 reserve list. . . 10 Sep. 19 | sup. off. | ..... | pvt. 6 sep. co. 22 Feb. 95 trs. 106 sep. co. 9 May 98 trs. 6 sep. co. 2 Nov. 98 corp. 11 June 03 bat. qm. sgt. 2 inf. . . . 7 Aug. 07 post qm. sgt. 24 Feb. 08 regt. qm. sgt. 22 Nov. 99 full and hon. dis. . . . 9 Jan. 11 cap. 4 Dec. 17 accepted. 4 Dec. 17 2 prov. regt. 13 Dec. 17 relieved. 15 May 19 | ..... |
| Beverly, George Curtis, 26 Dec. 17 reserve list. . . 25 Mar. 19 | I | ..... | 1 lt. 26 Oct. 17 cap. 26 Dec. 17 accepted. 27 Dec. 17 | Mass. 61 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Hickok, Paul R., 17 jan. 18 | chap. | pvt. co. D, 8 inf. Ohio N. G. 7 june 96 to 4 dec. 97 chap., cap. 5 inf. Ohio N. G. 5 july 00 to 5 july 09 | cap. 2 inf. N. Y. G. ... 17 jan. 18 accepted. 21 jan. 18 | Neb. 6 apr. 77 |
| Foster, Samuel H., 20 may 18 f. and h. dis. ... 18 apr. 19 | B | pvt. co. B, 2 N. Y. vols. 2 may 98 hon. dis. ... 25 oct. 98 | pvt. 7 co. 24 aug. 91 corp. 21 mar. 94 dropped. 11 feb. 96 taken up. 21 apr. 96 dropped. 5 may 97 1 lt. 2 inf. 12 apr. 18 cap. 20 may 18 accepted. 22 may 18 | N. Y. 28 july 72 |
| Brown, Wayne Ramsay, 17 july 18 reserve list. 13 june 19 | E | ..... | pvt. 37 co. 17 may 94 corp. 20 dec. 95 sgt. 14 dec. 96 sgt. maj. 2 inf. 3 apr. 99 full and hon. dis. 16 nov. 00 1 lt. 2 inf. 26 dec. 17 cap. 17 july 18 accepted. 23 july 18 | N. Y. 3 nov. 74 |
| Bellows, Elbert E., 26 sep. 18 | D | pvt. co. B, 22 N. Y. vols. 17 jan. 98 to 23 nov. 98 | 1 lt. 5 bat. 30 jan. 18 cap. 26 sep. 18 accepted. 30 sep. 18 | N. Y. 5 sep. 74 |
| Knowles, Frederic A., 7 oct. 18 reserve list. 19 aug. 19 | F | ..... | pvt. co. F, 2 inf. 31 may 11 dis. 15 june 14 re-enlisted. 17 feb. 16 dis. 23 june 16 pvt. d. co. F, 2 inf. 8 july 16 1 lt. 26 dec. 17 cap. 7 oct. 18 accepted. 15 oct. 18 | R. I. 23 apr. 84 |
| Ramsey, George Ellis, 5 nov. 18 | E | pvt. co. L, 2 N. Y. inf. 16 may 98 to 27 oct. 98 mustered into u. s. ser. 1 july 16 out 20 oct. 16 into 30 mar. 17 cap. 105 inf. 5 nov. 18 hon. dis. ... 5 sep. 19 | pvt. 23 sep. co. 23 nov. 94 to 14 nov. 00 pvt., corp., sgt., 1 sgt. 36 sep. co. 21 feb. 01 to 20 may 12 2 lt. 2 inf. 20 may 12 1 lt. 27 mar. 16 accepted. 29 mar. 16 dft. 5 aug. 17 cap. 2 inf. 26 sep. 19 accepted. 23 oct. 19 | N. Y. 20 jan. 72 |
| Utting, Le Roy F., 12 dec. 18 | ..... | ..... | 1 lt. 5 bat. 30 jan. 18 cap. 12 dec. 18 accepted. 16 dec. 18 to 2 inf. 9 sep. 19 | N. Y. 12 may 88 |
| Dunson, Frederick Warren, 21 dec. 18 | L | pvt. co. L, 2 N. Y. vols. 1 may 98 to 27 oct. 98 | pvt. co. L, 2 inf. 28 apr. 98 corp. 2 mar. 01 sgt. 13 mar. 03 full and hon. dis. 2 apr. 04 re-enlisted. 18 june 04 dropped. 14 nov. 04 taken up. 9 apr. 06 dropped. 17 aug. 07 full and hon. dis. 21 may 12 pvt. co. L, 2 inf. 1 oct. 17 2 lt. 1 oct. 17 1 lt. 10 may 18 cap. 21 dec. 18 accepted. 24 dec. 18 2 prov. regt. 6 feb. 18 | N. Y. 29 mar. 80 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Ross, Ogden J., 12 feb. 19 | A | mustered into u. s. ser. 19 june 16 out 23 oct. 16 into 30 mar. 17 1 lt. 105 inf., 2 aug. 18 cap. 12 feb. 19 hon. dis. . . 1 apr. 19 | pvt. co. A, 2 inf. 15 nov. 10 full and hon. dis. 13 dec. 15 re-enlisted. 28 dec. 15 2 lt. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 cap. 2 inf. 25 july 19 accepted. 26 july 19 | N. Y. 6 apr. 93 |
| Kennedy, Richard Oakley, 14 feb. 19 hon. dis. 6 june 19 | A | | 2 lt. 13 sep. 17 1 lt. 23 nov. 17 cap. 14 feb. 19 accepted. 22 feb. 19 | N. Y. 12 sep. 85 |
| Hupman, Byron E., 28 may 19 | I | | pvt. co. I, 2 inf. 15 june 12 corp. 4 apr. 13 agt. 14 july 13 2 lt. inf. 13 oct. 14 accepted. 14 oct. 14 hon. dis. 24 feb. 16 r. l. 4 mar. 18 cap. 2 inf. 28 may 19 accepted. 31 may 19 | N. Y. 28 feb. 93 |
| Plumley, Charles Burton, 10 june 19 | B | mustered into u. s. ser. 1 july 16 out 17 oct. 16 into 30 mar. 17 1 lt. 105 inf. hon. dis. . . 1 apr. 19 | pvt., corp. 7 sep. co. 25 may 03 hon. dis. 3 aug. 08 re-enlisted. 3 aug. 08 to 13 dec. 11 1 lt. 2 inf. 13 dec. 11 accepted. 14 dec. 11 dft. 5 aug. 17 r. l. 9 june 19 cap. 2 inf. 10 june 19 accepted. 11 june 19 | Vt. 24 sep. 83 |
| Richardson, Fred A., 15 aug. 19 reserve list. . . . 17 oct. 19 | i. s. a. p. | | pvt. 6 co. 18 apr. 90 corp. 28 feb. 94 full and hon. dis. 11 july 95 re-enlisted. 15 dec. 95 corp. 13 jan. 96 agt. 31 mar. 99 full and hon. dis. 21 nov. 01 re-enlisted. 7 may 02 dropped. 21 nov. 03 2 lt. 2 inf. 3 dec. 18 cap. 15 aug. 19 accepted. 16 aug. 19 | N. Y. 1 dec. 70 |
| Brown, Thomas F., 15 aug. 19 | H | mustered into u. s. ser. 1 july 16 out 19 oct. 16 into 30 mar. 17 1 lt. 105 inf. hon. dis. . . 1 apr. 19 | pvt. co. H, 2 inf. 15 apr. 15 corp. 10 mar. 16 agt. 18 dec. 16 2 lt. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 r. l. 14 may 19 cap. 2 inf. 15 aug. 19 accepted. 21 aug. 19 | N. Y. 4 mar. 95 |
| Innes, William H., 2 sep. 19 | F | pvt. co. D, 105 inf., 5 jan. 18 1 lt. o. t. s. 10 may 18 hon. dis. . . 1 apr. 19 | pvt. co. E, 2 inf. 12 feb. 06 corp. 7 mar. 08 full and hon. dis. 26 feb. 11 re-enlisted and warrant con. agt. 28 july 11 bat. agt. maj. 15 feb. 12 full and hon. dis. 18 jan. 15 re-enlisted and warrant con. 2 lt. 2 inf. 20 apr. 16 accepted. 26 apr. 16 N. G. R. 7 july 16 hon. dis. 28 apr. 19 cap. 2 inf. 2 sep. 19 accepted. 8 sep. 19 | N. Y. 19 july 87 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Carson, Russell Mack Little, 2 sep. 19 | K | ..... | pvt. co. K, 2 inf. 18 july 04 corp. 20 jan. 06 dropped. 15 aug. 07 taken up. 5 oct. 07 corp. 14 dec. 07 full and hon. dis. 25 oct. 09 1 lt. 2 inf. 10 sep. 17 cap. 2 sep. 19 accepted. 4 sep. 19 | N. Y. 20 june 84 |
| Farrell, Harry J., 15 oct. 19 | sup. co. | mustered into u. s. ser. 19 june 16 out 23 oct. 16 into 30 mar. 17 sup. agt. 105 inf., hon. dis. ... 1 apr. 19 | pvt. co. A, 2 inf. 9 nov. 03 full and hon. dis. 23 dec. 15 pvt. sup. co. 2 inf. 21 june 16 sup. agt. 9 july 16 dft. 5 aug. 17 2 lt. 2 inf. 2 sep. 19 cap. 15 oct. 19 accepted. 17 oct. 19 | N. Y. 25 july 85 |
| Roddy, George Thomas, 22 oct. 19 | C | pvt., corp., co. C, 2 N. Y. inf. 2 may 98 to 25 oct. 98 | pvt., agt., 1 agt. 12 sep. co. 11 mar. 95 to 23 aug. 04 2 lt. 23 aug. 04 resigned. 10 sep. 15 1 lt. depot bat. 2 inf. 27 june 16 cap. 6 aug. 17 1 lt. 24 may 19 cap. 22 oct. 19 accepted. 25 oct. 19 2 prov. regt. 8 aug. 17 | N. Y. 19 june 76 |
| Kipp, Marcus, 3 dec. 19 | M | mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 2 lt. inf. 6 june 18 hon. dis. ... 21 feb. 19 | pvt. co. M, 2 inf. 20 nov. 11 corp. 31 oct. 14 full and hon. dis. 3 apr. 16 re-enlisted and warrant con. agt. 23 june 16 dft. 5 aug. 17 cap. 2 inf. 3 dec. 19 accepted. 9 dec. 19 | Vt. 2 aug. 96 |
| First Lieutenants | | | | |
| Ryan, Edward L., 24 mar. 17 | bat. adj. | mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 1 lt. 105 inf. hon. dis. ... 1 apr. 19 | pvt. co. D, 2 inf. 13 jan. 16 corp. 15 july 16 1 lt. 2 inf. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 1 lt. 2 inf. 25 july 19 accepted. 29 july 19 | N. Y. 27 june 95 |
| Geesler, Le Roy, 10 july 17 reserve list. 6 june 19 | bat. adj. | pvt. co. H, 2 regt., N. Y. vols. 2 may 98 to 1 nov. 98 | pvt. 46 sep. co. 22 jan. 96 dropped. 28 apr. 99 taken up. 12 may 99 lance corp. 26 feb. 00 hon. dis. 11 nov. 01 pvt. 46 sep. co. 24 dec. 01 corp. 10 mar. 04 agt. 27 jan. 06 1 lt. 21 aug. 06 resigned. 19 feb. 12 1 lt. d. b. 2 inf. 10 july 17 1 lt. 2 inf., with o. r. 26 oct. 17 accepted. 30 july 17 2 prov. regt. 6 aug. 17 relieved. 12 oct. 18 | N. Y. 26 sep. 78 |
| Ehrlich, Oscar F., Jr., 6 aug. 17 | G | ..... | pvt. co. G, 2 inf., d. b. 28 june 17 1 lt. 6 aug. 17 accepted. 8 aug. 17 | ..... |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Shineman, Elmer A., 30 oct. 17 | G | | pvt. co. D, 2 inf. 31 oct. 17 1 lt. 30 oct. 17 accepted. 1 nov. 17 | N. Y. 10 feb. 78 |
| Smith, William Kline, 26 dec. 17 reserve list. . . 17 mar. 19 | plat'n G | u. s. ser., co. D, 11 u. s. inf. 17 may 98 to 24 apr. 99 | pvt. 2 inf., co. G. 16 nov. 17 1 lt. 26 dec. 17 accepted. 28 dec. 17 | N. Y. 5 may 80 |
| Niles, Jesse Clarence, 26 dec. 17 | M | | pvt. co. M, 2 inf. 26 nov. 00 corp. 27 aug. 06 sgt. 18 feb. 09 full and hon. dis. 16 jan. 13 1 lt. 2 inf. 26 dec. 17 accepted. 31 dec. 17 | Vt. 26 aug. 79 |
| Bell, Henry W., 26 dec. 17 reserve list. . . 25 mar. 19 | I | | pvt. co. I, 2 inf. 13 aug. 17 2 lt. 1 oct. 17 1 lt. 26 ec. 17 accepted. 1 jan. 18 2 prov. regt. 1 oct. 17 relieved. 12 feb. 19 | N. Y. 30 sep. 84 |
| Farrington, Edgar C., 3 june 18 | bat. adj. | | pvt. co. A, 2 inf. N. Y. N. G. 24 june 16 trans. co. I. 1 aug. 16 1 sgt. 2 aug. 16 N. G. R. 3 feb. 17 2 inf. 15 june 17 hon. dis. 27 aug. 17 1 lt. 2 inf. 3 june 18 accepted. 4 june 18 | N. Y. 13 nov. 82 |
| Sweet, Alonso R., 19 june 18 | B | mustered into u. s. ser. 1 july 16 out 17 oct. 16 into 30 mar. 17 | pvt. co. B, 2 inf. 25 may 03 hon. dis. 3 aug. 08 re-enlisted. 12 oct. 08 corp. 12 jan. 12 hon. dis. 16 nov. 14 2 lt. 27 mar. 16 resigned. 6 aug. 17 1 lt. 2 inf. 19 june 18 accepted. 22 june 18 N. G. R. 18 mar. 19 | N. Y. 19 sep. 83 |
| Howard, Harry, 26 june 18 reserve list. 24 oct. 19 | H | | pvt. co. H, 2 inf. 27 nov. 12 corp. 11 may 13 ord. sgt. 31 dec. 14 full and hon. dis. 11 dec. 15 1 lt. 2 inf. 26 june 18 accepted. 27 june 18 | N. Y. 26 may 81 |
| Kennedy, James Henry, 30 aug. 18 | E | co. G, 21 u. s. inf., 1 apr. 95 full and hon. dis., 1 apr. 98 co. I, 11 u. s. inf., 13 june 98 hon. dis. 14 apr. 99 troop F, 5 u. s. cav., 25 oct. 99 full and hon. dis., 25 oct. 02 | pvt. co. E, 2 inf. 15 nov. 17 1 sgt. 14 feb. 18 1 lt. 30 aug. 18 accepted. 7 sep. 18 | 5 mar. 73 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank, and highest brevet rank | Company | Service | | Born |
|--|-----------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Pine, Warren A., 26 sep. 18 res. rve list.... 19 june 19 | bat. adj. | ..... | pvt. co. A, 2 regt. 19 july 00 dropped 11 jan. 02 taken up 3 mar. 02 trans. to tr. C. 2 apr. 02 dropped 14 oct. 03 taken up 1 dec. 03 dropped 16 feb. 04 taken up, co. A, 2 regt. 24 apr. 05 dropped 5 jan. 07 2 lt. 2 inf., N. Y. G. 5 mar. 18 1 lt. 26 sep. 18 accepted 1 oct. 18 | N. Y. 9 may 80 |
| Beardsley, John K., 7 oct. 18 | pl't'n co. L | ..... | pvt. co. B, 5 bat. 23 nov. 17 2 lt. 5 bat. 30 jan. 18 1 lt. 7 oct. 18 accepted 17 oct. 18 to 2 inf. 9 sep. 19 | N. Y. 14 apr. 80 |
| Taylor, Joseph H. W., 10 oct. 18 reserve list.... 19 aug. 19 | F | mustered into u. s. ser. 1 july 16 out 4 oct. 18 into 30 mar. 17 hon. dis. 26 may 17 | pvt. co. F, 2 inf. 5 july 04 corp. 28 dec. 08 sgt. 16 jan. 10 full and hon. dis. 14 mar. 10 re-enlisted and warrant con. qm. sgt. 8 feb. 14 full and hon. dis. 2 mar. 15 re-enlisted and warrant con. hon. dis. 26 may 17 pvt. co. E, 2 inf. 18 july 17 mess sgt. 2 aug. 17 1 lt. 2 inf. 10 oct. 18 accepted 22 oct. 18 | ..... |
| Bruce, Timothy E., 27 nov. 18 | pl't'n co. D | ..... | pvt. co. C, 5 bat. 13 nov. 17 hon. dis. 27 mar. 18 2 lt. 5 bat. 30 jan. 18 1 lt. 27 nov. 18 accepted 5 dec. 18 to 2 inf. 9 sep. 19 | 11 june 78 |
| Hall, Ramon L., 29 nov. 18 | bat. adj. | mustered into u. s. ser. 1 july 16 out 4 oct. 18 into 30 mar. 17 hon. dis. 4 may 18 1 lt. 105 inf. 29 nov. 18 hon. dis. 16 apr. 19 | pvt. co. F, 2 inf. 9 mar. 16 dft. 5 aug. 17 1 lt. 2 inf. 15 aug. 19 accepted 19 aug. 19 | Pa. 4 dec. 90 |
| Nims, Henry Miles, 7 feb. 19 | C | mustered into u. s. ser. 1 july 16 out 13 oct. 16 | pvt. 6 co. 7 feb. 90 corp. 12 oct. 92 sgt. 20 oct. 93 1 sgt. 1 june 97 full and hon. dis. 1 may 98 re-enlisted. 9 june 03 regt. sgt. maj. 16 may 10 hon. dis. 10 may 15 re-enlisted. 17 may 15 hon. dis. 27 nov. 16 2 lt. 2 inf. 13 sep. 18 1 lt. 7 feb. 19 2 lt. 29 may 19 1 lt. 24 nov. 19 accepted 25 nov. 19 2 prov. regt. 17 sep. 15 | N. Y. 5 dec. 68 |
| Connor, Thomas J., 24 feb. 19 | pl't'n D | ..... | pvt. co. F, 5 bat. 4 dec. 17 sgt. 13 mar. 18 1 lt. 5 bat. 24 feb. 19 accepted 1 mar. 19 | N. Y. 19 july 89 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Hagen, William, 18 mar. 19 reserve list.... 6 june 19 | A | u. s. ser., co. A, 2 regt.... 1 july 16 to 23 oct. 16 | pvt. 6 sep. co..... 7 nov. 87 trs. 106 co..... 9 may 98 to 6 co..... 2 nov. 98 corp..... 19 mar. 04 sgt..... 26 june 09 1 sgt..... 15 dec. 11 full and hon. dis.... 18 oct. 15 re-enlisted, warrant continued..... 22 oct. 15 hon. dis..... 15 jan. 17 2 lt. N. Y. G..... 23 nov. 17 1 lt..... 18 mar. 19 accepted..... 19 mar. 19 | N. Y. 11 jan. 65 |
| Layden, Leon M., 28 may 19 reserve list.... 16 dec. 19 | I | inducted... 22 july 18 19 co 154 depot brig. f. a., c. o. t. s., 8 sep. 18 hon. dis... 30 nov. 18 | 1 lt. 2 inf..... 28 may 19 accepted..... 31 may 19 | Vt. 17 dec. 93 |
| Jaquay, Homer V., 4 sep. 19 | A | mustered into u. s. ser..... 1 july 16 out 17 oct. 16 into 30 mar. 17 3 o. t. s. 27 div.; 2 lt 166 inf.. 1 june 18 hon. dis. | pvt. co. A, 2 inf..... 17 mar. 14 dft..... 5 aug. 17 1 lt. 2 inf..... 4 sep. 19 accepted..... 5 sep. 19 | N. Y. 15 sep. 94 |
| Carpenter, Lester G., 10 sep. 19 | K | mustered into u. s. ser..... 3 aug. 16 out 14 oct. 16 into 30 mar. 17 sgt. co. K, 105 inf., 4 may 18 o. t. s., France. hon. dis... 1 apr. 19 | pvt. co. K, 2 inf..... 14 july 16 dft..... 5 aug. 17 1 lt. 2 inf..... 10 sep. 19 accepted..... 11 sep. 19 | N. Y. 17 oct. 92 |
| Bishop, Leonard A., 13 sep. 19 | F | mustered into u. s. ser..... 1 july 16 out 20 oct. 16 into 30 mar. 17 sgt. co. F, 105 inf., 2 lt..... 1 june 18 to 7 inf..... 5 july 19 hon. dis... | pvt. co. F, 2 inf..... 19 june 16 1 cl. pvt..... 18 july 16 corp..... 9 apr. 17 sgt..... 25 june 17 dft..... 5 aug. 17 1 lt. 2 inf..... 13 sep. 19 accepted..... 16 sep. 19 | N. Y. 27 nov. 95 |
| Rogers, Peter J., 15 nov. 19 | H | mustered into u. s. ser..... 1 june 16 out 19 oct. 16 into 30 mar. 17 sgt. co. H, 105 inf., aug. 1918. hon. dis... 1 apr. 19 | pvt. co. H, 2 inf..... 2 jan. 15 1 cl. pvt..... 24 july 16 corp..... 18 dec. 16 dft..... 5 aug. 17 1 lt. 2 inf..... 15 nov. 19 accepted..... 18 nov. 19 | N. Y. 19 dec. 95 |
| Smith, William R., 3 dec. 19 | G | mustered into u. s. ser..... 20 july 16 reported... 17 july 17 corp. 105 inf., — aug. 17 sgt..... 9 aug. 18 2 lt. inf... 1 nov. 18 hon. dis... 2 apr. 19 | pvt. co. G, 2 inf..... 16 sep. 13 corp..... 16 dec. 15 to N. G. R..... 15 sep. 16 2 lt. 2 inf..... 2 sep. 19 1 lt..... 3 dec. 19 accepted..... 8 dec. 19 | N. Y. 26 june 95 |

REPORT OF THE ADJUTANT-GENERAL

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|---|------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Second Lieutenants | | | | |
| Steever, James Orrville, 6 aug. 17 reserve list... 10 June 19 | H | priv. co. H, 2 inf. sance corp. corp. tra. 146 sep. co. tra. co. H, 2 inf. sgt. full and hon. dis. 2 h. 2 inf. accepted. 2 prov. regt. | 9 oct. 93, N. Y. 5 mar. 96, 21 sep. 14 Jan. 97, 76 may 98 27 Jan. 06 10 Apr. 93 6 Aug. 17 9 Aug. 17 6 Aug. 17 | |
| Darbois, Frank William, 6 Aug. 17 hon. dis. ... 30 Apr. 19 | G | 2 h. accepted. 2 prov. regt. | 6 Aug. 17 28 Aug. 17 6 Aug. 17 | |
| Gardner, Frederick H., 30 Oct. 17 | D | priv. co. D, 2 inf. 2 h. accepted. | 31 Oct. 17, N. Y. 30 Oct. 17, 16 age 1 Nov. 17 91 | |
| Marcy, Charles L., 31 Jan. 18 1 and 2 dis. ... 27 Jan. 19 | | priv. co. A, 2 inf. corp. sgt. full and hon. dis. 2 h. 2 inf. accepted. 2 prov. regt. | 10 July 95, N. Y. 2 Feb. 03, 16 age 17 Dec. 04 18 Sep. 09 30 Jan. 18 1 Feb. 18 15 Feb. 18 | |
| McGowan, Arthur J. 17 Aug. 18 | E | unassigned state m. ser. hon. dis. 2 h. 2 inf. accepted. hon. dis. ... 1 Apr. 19 | 27 Sep. 17, N. Y. 11 June 18, 16 age 1 Aug. 18 1 Aug. 18 22 Sep. 18 | |
| Ington, John Charles, 27 May 18 res. rev. list. ... 27 Mar. 19 | F | priv. 106 re dis. 2 h. 2 inf. 1 h. 2 prov. priv. 1 h. 2 prov. full and hon. dis. 2 h. 2 inf. priv. sgt. full and hon. dis. res. rev. list. full and hon. dis. 2 h. 2 inf. unassigned. | 27 May 98, N. Y. 11 Nov. 98, 16 age 24 Nov. 98, 16 age 14 May 01 21 Oct. 01 21 Jan. 03 21 Dec. 03 1 Nov. 04 4 Dec. 04 4 Jan. 04 4 Jan. 04 4 May 04 25 May 04 25 May 04 | |
| W. H. ... 1 June 19 | A | unassigned state m. ser. hon. dis. ... 26 Apr. 19 | 11 Dec. 18 26 Mar. 19 21 Apr. 19 4 June 19 | |
| W. H. ... 1 Apr. 19 | A | unassigned state m. ser. hon. dis. ... 1 Apr. 19 | 11 Dec. 18 26 Mar. 19 21 Apr. 19 4 June 19 | |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Continued</i> | | | | |
| Hallenbeck, Milton H., 25 sep. 18 | F | mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 2 lt. inf. 25 sep. 18 to 350 inf.; to 325 inf. 19 Mar. 19 hon. dis. 9 May 19 | pvt. co. F, 2 inf. 22 June 16 corp. 23 Mar. 17 sgt. 5 Aug. 17 dft. 5 Aug. 17 2 lt. 2 inf. 24 Dec. 19 accepted 2 Jan. 20 | N. Y. 14 Apr. 97 |
| Butler, Clarence Kilmer, 26 sep. 18 | | | pvt. co. L, 2 inf. 12 Oct. 17 sgt. 18 Jan. 18 2 lt. 26 Sep. 18 accepted 28 Sep. 18 | N. Y. 3 Nov. 91 |
| Reed, John L., 30 Oct. 18 | B | mustered into u. s. ser. 30 Mar. 17 2 lt. 106 inf. 30 Oct. 18 hon. dis. 1 Apr. 19 | pvt. co. B, 2 inf. 26 May 17 dft. 5 Aug. 17 2 lt. 2 inf. 25 July 19 accepted 29 July 19 | N. Y. 29 Dec. 95 |
| Smith, Edward M., 31 Oct. 18 f. and h. dis. 26 June 19 | | | pvt. co. B, 2 inf. 16 Oct. 05 full and hon. dis. 24 Oct. 10 2 lt. 2 inf. 31 Oct. 18 accepted 4 Nov. 18 | Mich. 9 Dec. 79 |
| Slover, Walter Le Roy, 20 Nov. 18 reserve list. 19 Aug. 19 | | | pvt. co. F, 2 regt. 19 Jan. 04 full and hon. dis. 21 Apr. 11 re-enlisted. 8 June 11 corp. 29 Mar. 12 pvt. 3 Apr. 13 dropped 18 Apr. 14 taken up, co. F. 6 June 16 full and hon. dis. 7 June 16 re-enlisted. 8 June 16 dis. 26 June 16 re-enlisted, co. F. 1 July 16 sgt. 2 Aug. 17 1 sgt. 17 Jan. 18 2 lt. 2 inf. 20 Nov. 18 accepted 26 Nov. 18 | N. Y. 7 Sep. 83 |
| Davidson, William B., 27 Nov. 18 | D | | pvt. co. B, 5 bat. 1 Nov. 17 sup. sgt. 19 Jan. 18 2 lt. 5 bat. 27 Nov. 18 accepted 5 Dec. 18 to 2 inf. 9 Sep. 19 | N. Y. 12 Feb. 92 |
| Colburn, Arthur G., 24 Jan. 19 | sup. co. | | pvt. co. F, d. b. 2 inf. 23 May 17 corp. 2 Aug. 17 sgt. 17 Jan. 18 2 lt. 2 inf. 24 Jan. 19 accepted 25 Jan. 19 | Vt. 5 Apr. 89 |
| Slater, Francis H., 13 Feb. 19 hon. dis. 24 Dec. 19 | | | pvt. co. C, 5 bat. 13 Nov. 17 2 lt. 5 bat. 13 Feb. 19 accepted 15 Feb. 19 to 2 inf. 9 Sep. 19 | N. Y. 18 July 78 |
| Treanor, James C., 2 Sep. 19 | sup. co. | mustered into u. s. ser. 25 July 17 to 102 am. tr. 21 Oct. 17 hon. dis. 1 Apr. 19 | pvt. ord. det. 9 May 17 hon. dis. 23 July 17 pvt. am. tr. 25 July 17 corp. 1 Aug. 17 dft. 5 Aug. 17 r. l. as corp. 12 Apr. 19 pvt. co. C, 2 inf. — May 19 2 lt. 2 inf. 2 Sep. 19 accepted 6 Sep. 19 | N. Y. 23 Apr. 97 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants</i> | | | | |
| Sleeser, James Orville, 6 aug. 17 reserve list.... 10 june 19 | H | ..... | pvt. co. H, 2 inf. 9 oct. 93 lance corp. 5 mar. 96 corp. 14 jan. 97 trs. 146 sep. co. — may 98 trs. co. H, 2 inf. sgt. 27 jan. 06 full and hon. dis. 10 apr. 93 2 lt. 2 inf. 6 aug. 17 accepted. 9 aug. 17 2 prov. regt. 6 aug. 17 | N. Y. 21 sep. 76 |
| Durkee, Frank William, 6 aug. 17 hon. dis. 30 apr. 19 | G | ..... | 2 lt. 6 aug. 17 accepted. 28 aug. 17 2 prov. regt. 6 aug. 17 | ..... |
| Goertner, Frederick H., 30 oct. 17 | D | ..... | pvt. co. D, 2 inf. 31 oct. 17 2 lt. 30 oct. 17 accepted. 1 nov. 17 | N. Y. 18 apr. 81 |
| Moore, Charles L., 30 jan. 18 f. and h. dis. 27 jan. 19 | ..... | ..... | pvt. co. A, 2 inf. 10 july 95 corp. 2 feb. 03 sgt. 17 dec. 05 full and hon. dis. 13 sep. 09 2 lt. 2 inf. 30 jan. 18 accepted. 5 feb. 18 2 prov. regt. 15 feb. 18 | N. Y. 19 sep. 77 |
| McGovern, Arthur J., 15 may 18 | E | mustered into u. s. ser. 1 july 16 out 20 oct. 16 into 30 mar. 17 2 lt. inf. 15 may 18 hon. dis. 1 apr. 19 | pvt. co. E, 2 inf. 23 sep. 15 corp. 23 june 16 dft. 5 aug. 17 2 lt. 2 inf. 15 aug. 19 accepted. 22 sep. 19 | N. Y. 23 may 92 |
| Ingloe, John Charles, 23 may 18 reserve list.... 25 mar. 19 | I | ..... | pvt. 109 co. 23 may 98 dis. 23 nov. 98 pvt. co. I, 2 regt. 30 nov. 99 h. c. pvt. 19 aug. 00 pvt. 26 oct. 00 h. c. pvt. 7 jan. 03 full and hon. dis. 30 dec. 07 pvt. co. I, 2 regt. 5 nov. 08 corp. 7 dec. 08 sgt. 4 mar. 12 full and hon. dis. 2 jan. 14 re-enlisted. 2 jan. 14 full and hon. dis. 8 may 15 2 lt. co. I, 2 inf. 23 may 18 accepted. 24 may 18 | N. Y. 23 nov. 77 |
| Wolff, Ever C., 3 june 18 | M | mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 hon. dis. 20 apr. 17 | pvt. co. M, 2 inf. 21 dec. 14 corp. 24 mar. 16 hon. dis. 20 apr. 17 2 lt. 2 inf. 3 june 18 accepted. 6 june 18 | Den. 15 aug. 75 |
| Geiser, Albert, 17 july 18 | A | mustered into u. s. ser. 1 june 16 out 10 oct. 16 into 30 mar. 17 2 lt. inf. 17 july 18 hon. dis. 6 jan. 19 | pvt. co. A, 2 inf. 7 mar. 16 dft. 5 aug. 17 2 lt. 4 sep. 19 accepted. 5 sep. 19 | N. Y. 29 nov. 89 |

SECOND INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Continued</i> | | | | |
| Hallenbeck, Milton H., 25 sep. 18 | F | mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 2 lt. inf. 25 sep. 18 to 350 inf.; to 325 inf. 19 mar. 19 hon. dis. 9 May 19 | pvt. co. F, 2 inf. 22 June 18 corp. 23 Mar. 17 sgt. 5 Aug. 17 dft. 5 Aug. 17 2 lt. 2 inf. 24 Dec. 19 accepted 2 Jan. 20 | N. Y. 14 Apr. 97 |
| Butler, Clarence Kilmer, 26 sep. 18 | | | pvt. co. L, 2 inf. 12 Oct. 17 sgt. 18 Jan. 18 2 lt. 26 Sep. 18 accepted 28 Sep. 18 | N. Y. 3 Nov. 91 |
| Reed, John L., 30 Oct. 18 | B | mustered into u. s. ser. 30 Mar. 17 2 lt. 106 inf. 30 Oct. 18 hon. dis. 1 Apr. 19 | pvt. co. B, 2 inf. 26 May 17 dft. 5 Aug. 17 2 lt. 2 inf. 25 July 19 accepted 29 July 19 | N. Y. 29 Dec. 95 |
| Smith, Edward M., 31 Oct. 18 f. and h. dis. 26 June 19 | | | pvt. co. B, 2 inf. 16 Oct. 05 full and hon. dis. 24 Oct. 10 2 lt. 2 inf. 31 Oct. 18 accepted 4 Nov. 18 | Mich. 9 Dec. 79 |
| Slover, Walter Le Roy, 20 Nov. 18 reserve list. 19 Aug. 19 | | | pvt. co. F, 2 regt. 19 Jan. 04 full and hon. dis. 21 Apr. 11 re-enlisted 8 June 11 corp. 29 Mar. 12 pvt. 3 Apr. 13 dropped 18 Apr. 14 taken up, co. F. 6 June 16 full and hon. dis. 7 June 16 re-enlisted 8 June 16 dis. 26 June 16 re-enlisted, co. F. 1 July 16 sgt. 2 Aug. 17 1 sgt. 17 Jan. 18 2 lt. 2 inf. 20 Nov. 18 accepted 26 Nov. 18 | N. Y. 7 Sep. 83 |
| Davidson, William B., 27 Nov. 18 | D | | pvt. co. B, 5 bat. 1 Nov. 17 sup. sgt. 19 Jan. 18 2 lt. 5 bat. 27 Nov. 18 accepted 5 Dec. 18 to 2 inf. 9 Sep. 19 | N. Y. 12 Feb. 92 |
| Colburn, Arthur G., 24 Jan. 19 | sup. co. | | pvt. co. F, d. b. 2 inf. 23 May 17 corp. 2 Aug. 17 sgt. 17 Jan. 18 2 lt. 2 inf. 24 Jan. 19 accepted 25 Jan. 19 | Vt. 5 Apr. 89 |
| Slater, Francis H., 13 Feb. 19 hon. dis. 24 Dec. 19 | | | pvt. co. C, 5 bat. 13 Nov. 17 2 lt. 5 bat. 13 Feb. 19 accepted 15 Feb. 19 to 2 inf. 9 Sep. 19 | N. Y. 18 July 78 |
| Treanor, James C., 2 Sep. 19 | sup. co. | mustered into u. s. a. ser. 25 July 17 to 102 am. tr. 21 Oct. 17 hon. dis. 1 Apr. 19 | pvt. ord. det. 9 May 17 hon. dis. 23 July 17 pvt. am. tr. 25 July 17 corp. 1 Aug. 17 dft. 5 Aug. 17 r. l. as corp. 12 Apr. 19 pvt. co. C, 2 inf. — May 19 2 lt. 2 inf. 2 Sep. 19 accepted 6 Sep. 19 | N. Y. 23 Apr. 97 |

SECOND INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Hamilton, Ralph W., 4 sep. 19 | K | ..... | pvt. co. K, 2 inf. 6 aug. 17 sup. sgt. 28 jan. 18 2 lt. 2 inf. 4 sep. 19 accepted. 5 sep. 19 | N. Y. 28 july 92 |
| Howe, William H., 6 oct. 19 | H | r. o. t. c., Ft. Niagara, 24 aug. 17 to 6 oct. 17 | 2 lt. 2 inf. 6 oct. 19 accepted. 7 oct. 19 | N. Y. 24 jan. 82 |
| Sabo, Jacob N., 22 oct. 19 | I | mustered into u. s. ser. 1 july 16 out 7 oct. 16 into 30 mar. 17 sgt. 105 inf. hon. dis. ... 1 apr. 19 | pvt. co. I, 2 inf. 23 dec. 12 corp. 24 may 15 full and hon. dis. 16 june 16 re-enlisted and warrant con. sgt. 19 july 16 dft. 5 aug. 17 pvt. co. I, 2 inf. 12 june 19 1 sgt. 22 sep. 19 2 lt. 2 inf. 22 oct. 19 accepted. 28 oct. 19 | Pa. 4 aug. 96 |
| Hubbard, Edward J., 29 oct. 19 | C | mustered into u. s. ser. 1 july 16 out 23 oct. 16 into 30 mar. 17 sgt. 105 inf., 2 lt. 30 inf. hon. dis. ... 13 sep. 19 | pvt. co. C, 2 inf. 25 june 16 sgt. 11 may 17 dft. 5 aug. 17 r. l. 26 sep. 19 2 lt. 2 inf. 24 dec. 19 accepted. 28 dec. 19 | N. Y. 5 dec. 85 |

THIRD INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, Armory, West Jefferson Street, Syracuse, N. Y.

Reorganized under G. O. 58, A. G. O., November 22, 1917, to consist of all infantry units mustered into the New York Guard from the counties of Jefferson, Lewis, Oswego, Onondaga, Cortland, Cayuga, Seneca, Ontario, Wayne, Livingston and Monroe.

By same order Company C, 1st Infantry, was attached to this regiment and designated Company E. Companies F and I, 3d Infantry, were transferred to the 74th Infantry and Companies K and L, 3d Infantry, were transferred to 4th Infantry.

Originally attached to the 2d Brigade. Transferred to 4th Brigade by G. O. 64, A. G. O., December 22, 1917.

COMPANY A*Armory, 920 Main Street, Rochester*

Organized as a Depot Unit July, 1917. Mustered into New York Guard November 21, 1917.

COMPANY B*Headquarters, Geneva Platoon, 300 Main Street — Clyde Platoon*

Geneva Platoon organized as a Depot Unit July, 1917. Mustered into State service July 30, 1917. Mustered into New York Guard November 5, 1917. Clyde Platoon organized as a Home Defense Unit. Mustered into New York Guard October 20, 1917.

COMPANY C*State Armory, West Jefferson Street, Syracuse*

Organized as a Depot Unit July, 1917. Mustered into New York Guard October 6, 1917.

COMPANY D*State Armory, 257-271 West First Street, Oswego*

Organized as a Depot Unit July, 1917. Mustered into State service July 30, 1917. Mustered into New York Guard February 14, 1918.

COMPANY E

(Formerly Company C, 1st Infantry)

Armory, 44 Arsenal Street, Watertown

Organized as a Depot Unit July, 1917. Mustered into New York Guard January 22, 1918.

COMPANY F*Headquarters, Sonyea*

Organized as a Home Defense Unit. Mustered into New York Guard October 18, 1917.

COMPANY G*State Armory, 920 Main Street, Rochester*

Organized as a Depot Unit July, 1917. Mustered into New York Guard October 15, 1917.

COMPANY H*Headquarters, State Armory, 920 Main Street, Rochester — Platoon at Williamson*

Organized as a Depot Unit July, 1917. Mustered into New York Guard February 4, 1918.

Williamson Platoon — Organized as a Home Defense Unit. Mustered into New York Guard December 27, 1917. Attached to Company H, October 3, 1918.

COMPANY I*Headquarters, Brockport — Platoon at Morton*

Organized as a Home Defense Unit July, 1917. Brockport Platoon mustered into New York Guard October 15, 1917.

Morton Platoon mustered into New York Guard October 17, 1917.

COMPANY K*Headquarters, Canandaigua — Platoon at Clifton Springs*

Organized as Home Defense Units. Canandaigua Platoon mustered into New York Guard October 24, 1917.

Clifton Springs Platoon mustered into New York Guard November 14, 1918.

COMPANY L*Headquarters, Honeoye Falls — Platoon at East Bloomfield*

Organized as Home Defense Units. Honeoye Falls Platoon mustered into New York Guard October 19, 1917.

East Bloomfield Platoon mustered into New York Guard November 12, 1917.

THIRD INFANTRY — NEW YORK GUARD — (*Continued*)

COMPANY M

State Armory, 97 State Street, Auburn

Organized as a Depot Unit July, 1917. Mustered into State service July, 1917. Mustered into New York Guard November 16, 1917

COMPANY N

Headquarters, Cortland

Organized as a Home Defense Unit. Mustered into New York Guard November 21, 1917, as supply company. Changed to Company N, December 14, 1917.

COMPANY R

(Formerly Platoon Company E.)

Headquarters, Pulaski

Organized as a Home Defense Unit. Mustered into New York Guard April 3, 1918.

COMPANY S

Headquarters, Salamanca

Organized as a Depot Battery, 1st Field Artillery, N. G., N. Y., and mustered into State service August 20, 1917. Assigned to 3d Field Artillery as Battery A, S. O. 255, A. G. O., October 6, 1917. Assigned to this regiment May 24, 1918 as Company S. Detached, and assigned to 1st Field Artillery as Battery A, June 28, 1919. (G. O. 16.)

COMPANY T

Fourth Ambulance Company assigned December 11, 1918 and designated Company T. Detached June 28, 1919 and reorganized as 4th Ambulance Company.

SUPPLY COMPANY

Newark Platoon, mustered in March 9, 1918.

The following organizations were disbanded and mustered out: Morton Platoon, Company I, January 27, 1919; Honcove Falls Platoon, Company L, February 18, 1919; Company N, Cortland, June 16, 1919; Clifton Springs Platoon, Company K, August 11, 1919; Company R, Pulaski, September 17, 1919; Company F, Sonyea, October 28, 1919.

Assignments and Redesignations

| Old designation | New designation |
|--|--------------------|
| Company E, 3d Infantry, Watertown..... | Company L |
| Company I, Brookport..... | Company F, Platoon |
| Company K, Canandaigua..... | Company E |
| Company L, East Bloomfield..... | Company E, Platoon |
| Company F, 74th Infantry, Medina..... | Company F |
| Company A, 5th Battalion, Malone..... | Company K |
| Company D, Ogdensburg..... | Company I |
| Company E, Chateaugay..... | Company K, Platoon |
| Company G, Massena..... | Company I, Platoon |

Recognized by War Department as National Guard: Company A, June 28, 1919; Companies B, C and D, June 30, 1919; Companies G and H, August 21, 1919; Company M, September 29, 1919; Company F, November 25, 1919; Machine Gun Company, December 4, 1919; Company K (2 Platoons), December 22, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—War with Spain, 1898; Mexican Border, 1916; World War, 1917.*On the State Color.*—Buffalo, 1892.

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|------------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonels</i> | | | | |
| Brown, Howard Kirk, 9 nov. 17 f. and. h. dis. . . 6 mar. 19 | | pvt. tr. A, N. Y. cav., 23 July 98 to 23 nov. 98 | pvt. tr. 3, sq. A. 19 July 98 dropped 22 Dec. 98 taken up 41 sep. co. 25 Sep. 03 1 lt. tr. D. 10 May 04 a. d. c. to gov. 1 Jan. 07 cap. tr. D. 30 Aug. 07 relieved, aide to gov. 12 Oct. 09 tra. 1 cav. 28 Dec. 11 maj. 1 cav. 21 June 12 full and hon. dis. 10 Dec. 14 r. l. 8 July 16 duty with depot tr. D, 1 cav. 8 July 16 r. l. 23 Mar. 17 maj., inf. 27 Oct. 17 col. 9 Nov. 17 accepted 24 Nov. 17 | N. Y. 77 |
| Thompson, John Sylvester, 1 Oct. 19 | | mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 17 Apr. 17 maj. 108 inf., 13 Oct. 18 hon. dis. . . 31 mar. 19 | pvt., corp., sgt., 29 sep. co. 29 Jan. 00 to 25 Oct. 07 2 lt. 25 Oct. 07 1 lt. 3 inf. 2 Mar. 12 cap. 25 May 14 accepted 28 May 14 dft. 5 Aug. 17 r. l. maj. 8 May 19 lt. col. 3 inf. 13 Sep. 19 col. 1 Oct. 19 accepted 3 Oct. 19 | Can. 3 June 73 |
| <i>Lieutenants Colonels</i> | | | | |
| Van Duyn, Wilbur, 29 July 18 f. and h. dis. . . 21 Aug. 19 | adit. .... | ..... | pvt. tr. D, cav. 21 Mar. 05 corp. 4 Oct. 09 sgt. 25 May 10 qm. sgt. 9 Oct. 11 full and hon. dis. 2 Jan. 13 cap. 3 inf. 11 Dec. 17 lt. col. 29 July 18 accepted 1 Aug. 18 | N. Y. 19 July 82 |
| Merrill, Samuel Herbert, 21 Oct. 19 | | mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 15 Apr. 17 maj. 108 inf., 19 Feb. 19 hon. dis. . . 31 mar. 19 | pvt. 134 sep. co., trs. 34 sep. co., corp., sgt., qm. sgt., 1 sgt. 20 May 98 to 14 Dec. 06 1 lt. 14 Dec. 06 cap. 19 Oct. 14 accepted 22 Oct. 14 dft. 5 Aug. 17 r. l. maj. 6 May 19 lt. col. 3 inf. 21 Oct. 19 accepted 22 Oct. 19 | N. Y. 3 Dec. 78 |
| <i>Majors</i> | | | | |
| Setright, James C., 15 Dec. 17 reserve list. . . 10 Feb. 19 | | | enl. tr. D, 1 cav. 19 May 10 full and hon. dis. 13 Oct. 15 maj., 3 inf. 15 Dec. 17 accepted 18 Dec. 17 | N. Y. 22 Aug. 84 |
| Stallman, Benjamin G., 4 Feb. 18 | | | pvt. co. A, 2 bat. 16 Feb. 99 corp. 11 Oct. 02 sgt. 10 Mar. 06 full and hon. dis. 14 Jan. 07 1 lt. 3 inf. 25 Oct. 17 maj. 14 Feb. 18 accepted 15 Feb. 18 | N. Y. 24 Nov. 76 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors—Concluded</i> | | | | |
| Galord, Melvin Snow, 10 may 18 reserve list.... 19 aug. 19 | | | pvt. 34 sep. co..... 16 mar. 88 corp..... 28 dec. 93 agt..... 14 dec. 96 full and hon. dis..... 8 nov. 97 pvt. 134 sep. co..... 20 may 98 2 lt. 134 sep. co..... 3 june 98 supn..... 17 dec. 98 detailed to active duty with depot bat. 3 inf..... 5 july 16 2 lt. depot bat. 3 inf. 25 june 16 cap. 3 inf..... 8 jan. 18 maj..... 10 may 18 accepted..... 11 may 18 | N. Y. mar. 71 |
| Prune, Frederick V., 10 feb. 19 reserve list.... 14 june 19 | | | tr. D. cav..... 1 dec. 08 hon. dis..... 23 jan. 12 re-enlisted..... 7 feb. 13 dropped..... 6 jan. 15 2 lt. 3 inf..... 2 jan. 18 cap..... 26 aug. 18 maj..... 10 feb. 19 accepted..... 11 feb. 19 | N. Y. 22 apr. 86 |
| Farmer, Harry Haile, 14 june 19 | | mustered into u. s. ser..... 5 july 16 out 5 oct. 18 into 17 apr. 17 cap. 108 inf. hon. dis... 31 mar. 19 | pvt. 141 sep. co..... 21 may 98 hon. dis..... 27 dec. 98 2 lt. 3 inf..... 23 dec. 12 1 lt..... 2 july 13 cap..... 7 apr. 17 accepted..... 10 apr. 17 dft..... 5 aug. 17 maj. 3 inf..... 14 june 19 accepted..... 16 june 19 | N. Y. 26 june 71 |
| Johnston, Frederick S., 21 oct. 19 | | mustered into u. s. ser..... 5 july 16 out 5 oct. 18 into 17 apr. 17 cap. 108 inf. hon. dis... 31 mar. 19 | pvt. 2 sep co..... 26 sep. 99 dropped..... 3 may 02 taken up..... 27 sep. 02 corp..... 13 aug. 94 qm. agt..... 12 jan. 07 1 lt. 3 inf..... 26 nov. 10 with rank from..... 17 nov. 10 cap..... 3 may 11 resigned..... 10 may 15 r. l..... 19 july 15 cap. 3 inf..... 27 mar. 16 with rank from..... 21 jan. 16 accepted..... 29 mar. 16 dft..... 5 aug. 17 r. l..... 19 may 19 maj. 3 inf..... 21 oct. 19 accepted..... 23 oct. 19 | N. Y. 16 nov. 75 |
| <i>Captains</i> | | | | |
| Briggs, Clark Arthur, 10 dec. 13 | I | mustered into u. s. ser..... 23 july 17 cap. 1 pioneer inf., 9 july 18 hon. dis... 21 feb. 19 | pvt., corp., agt., 1 agt. 40 sep. co..... 25 oct. 98 hon. dis..... 28 may 06 1 lt. 40 sep. co..... 17 oct. 07 cap. 1 inf..... 10 dec. 13 accepted..... 12 dec. 13 dft..... 5 aug. 17 cap. 3 inf..... 8 oct. 19 accepted..... 14 oct. 19 | N. Y. 28 aug. 77 |

THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Ryan, Richard John, 30 mar. 14 | L | pvt., E batty. Royal Can artillery, 9 jan. 00 to 9 jan. 01 mustered into u. s. ser. 17 July 17 hon. dis. 17 July 19 | pvt., corp., qm. sgt., co. C, 1 inf. 23 feb. 04 hon. dis. 1 mar. 09 pvt. co. C, 1 inf. 1 mar. 09 to 16 aug. 09 1 lt. 24 feb. 13 cap. 30 mar. 14 accepted. 2 apr. 14 dft. 5 aug. 17 cap. 3 inf. 13 nov. 19 accepted. 17 nov. 19 | Can. 10 sep. 76 |
| Smith, Arthur Thomas, 1 apr. 16 | A | mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 17 apr. 17 cap. 108 inf. hon. dis. 31 mar. 19 | pvt., co. A, 3 inf. 6 mar. 12 to 1 apr. 13 2 lt. 1 apr. 13 1 lt. 11 dec. 14 cap. 1 apr. 16 accepted. 3 apr. 16 dft. 5 aug. 17 r. l. 10 sep. 19 cap. 3 inf., N. Y. N. G. 4 dec. 19 accepted. 4 dec. 19 | N. Y. 6 nov. 86 |
| Genaway, John W., 8 July 16 | K | pvt. co. M, 203 N. Y. vols. 11 July 98 dis. as sgt. 25 mar. 00 | pvt. 27 sep. co. 21 dec. 94 corp. 17 jan. 98 dropped. 30 sep. 98 taken up. 26 sep. 99 full and hon. dis. 23 jan. 00 re-enlisted, co. E, 4 bat. 11 dec. 00 sgt. 14 feb. 01 full and hon. dis. 25 may 03 re-enlisted, co. K, 1 inf. 18 nov. 04 1 sgt. 17 dec. 04 full and hon. dis. 13 apr. 06 cap. d. b. 1 inf. 8 July 16 cap. 1 inf. 15 sep. 17 accepted. 18 sep. 17 tra. to 5 bat. 22 nov. 17 to 3 inf. 1 aug. 19 cap. 3 inf. N. Y. N. G. 22 dec. 19 accepted. 22 dec. 19 | N. Y. 30 July 73 |
| Plank, Fred Watson, 3 aug. 16 f. and h. dis. ... 3 June 19 | D | ..... | pvt. 48 sep. co. 21 may 97 tra. to 148 sep. co. 6 June 98 tra. to 48 sep. co. 20 dec. 98 corp. 19 June 00 sgt. 30 July 03 2 lt. 19 feb. 07 1 lt. 3 inf. 18 may 10 with rank from. 10 may 10 full and hon. dis. 17 nov. 11 r. l. 5 July 16 duty with depot bat. 3 inf. 6 July 16 cap. depot bat. 3 inf. 3 Aug. 16 cap. 3 inf. 30 Jan. 18 accepted. 1 feb. 18 2 prov. regt. 6 Aug. 17 relieved. 12 feb. 19 | N. Y. 6 mar. 78 |
| Kidney, Harry Richard, 14 June 17 f. and h. dis. ... 4 June 19 | M | ..... | pvt. 2 sep. co. 25 sep. 82 promoted corp. 2 June 85 sgt. 6 July 86 full and hon. dis. 30 July 89 cap. depot bat. 3 inf. 14 June 17 cap. 3 inf. 30 Jan. 18 accepted. 6 feb. 18 | N. Y. 7 June 80 |

THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Callaway, James C., 25 oct. 17 reserve list.... 29 sep. 19 | I | ..... | cap. 3 inf. 25 oct. 17 accepted..... 29 oct. 17 | Mo. 13 ju'y 80 |
| Shanahan, William Thomas 25 oct. 17 reserve list.... 29 aug. 19 | F | ..... | cap. 3 inf. 25 oct. 17 accepted..... 30 oct. 17 | N. Y. 14 may 78 |
| Stierly, Edward S., 25 oct. 17 reserve list.... 12 July 19 | A | ..... | pvt. 8 sep. co. 26 apr. 99 corp. 14 jan. 07 sgt. 21 jan. 13 full and hon. dis. 14 sep. 14 re-enlisted, warrant continued..... 15 sep. 14 dis. 16 apr. 17 cap. 3 inf. 25 oct. 17 accepted..... 31 oct. 17 | N. Y. 12 nov. 71 |
| Teller, Charles Francis, 11 dec. 17 reserve list.... 15 sep. 19 | i. s. a. p. | ..... | pvt. tr. D. cav. 8 apr. 09 qm. sgt. 23 may 14 reduced to ranks.... 11 aug. 16 hon. dis. 30 aug. 16 cap. 3 inf. 11 dec. 17 accepted..... 13 dec. 17 | N. Y. 25 june 75 |
| Norris, Thomas K., 2 Jan. 18 reserve list.... 29 aug. 19 | N | ..... | cap. 3 inf. 2 Jan. 18 accepted..... 9 Jan. 18 | N. Y. 25 aug. 72 |
| Park, James W., 18 Jan. 18 | E | Ohio N. G. 26 apr. 98 to 26 May 99 6 O. N. G. 3 July 99 to 3 Nov. 02 | cap. 3 inf. 18 Jan. 18 accepted..... 12 Feb. 18 | Ohio 26 Nov. 80 |
| Warren, Ulysses G., 23 Jan. 18 | ..... | Del. N. G., Apr.-Sep., 1890, mustered into U. S. ser. 30 June 16 dis. p. d. 17 Nov. 16 | chaplain, 47 inf. 11 July 10 r. l. 28 Mar. 16 chap. 1 cav. 13 June 16 dis. 17 Nov. 16 cap. 3 inf. 23 Jan. 18 accepted..... 28 Jan. 18 | Md. 4 July 72 |
| Herman, Clayton J., 2 Feb. 18 | G | ..... | cap. 3 inf. 14 Feb. '18 accepted..... 15 Feb. 18 pvt. co. A, 3 inf. 8 Aug. 19 hon. dis. 18 Aug. 19 cap. 3 inf. 19 Aug. 19 accepted..... 21 Aug. 19 | N. Y. 28 Apr. 89 |
| Bingeman, E. Russell, 4 Feb. 18 | H | pvt., corp., sgt., co. B, 26 U. S. vols., — July 99 dis. — May 01 | 2 lt. 3 inf. 25 Oct. 17 cap. 14 Feb. 18 pvt. co. A, 3 inf. 8 Aug. 19 hon. dis. 18 Aug. 19 cap. 3 inf. N. Y. N. G. 19 Aug. 19 accepted..... 25 Aug. 19 | N. Y. 1 July 92 |
| Bentley, William K., 19 Apr. 18 reserve list.... 29 Aug. 19 | R | ..... | cap. 3 inf. 19 Apr. 18 accepted..... 20 Apr. 18 | N. Y. 12 July 83 |
| Hubbard, Theodore G., 1 July 18 reserve list.... 27 Feb. 19 | B | ..... | 7 regt. 1899-1900 depot unit, co. B. 25 June 16 3 inf. N. Y. G. 5 Nov. 17 2 lt. 8 Jan. 18 cap. 1 July 18 accepted..... 13 July 18 | N. Y. 25 Mar. 76 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Hodder, William Lord, 10 July 18 | M | mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 16 Apr. 17 cap. 108 inf., 10 July 18 hon. dis. . . 7 Mar. 19 | pvt., corp., sgt., 2 sep. co. 26 Apr. 04 to 28 Dec. 11 2 lt. 3 inf. 28 Dec. 11 1 lt. 17 July 15 resigned. 30 Mar. 17 1 lt. 16 Apr. 17 accepted. 18 Apr. 17 dft. 5 Aug. 17 r. l. cap. 16 May 19 cap. 3 inf., N. Y. G. . . 4 June 19 cap. 3 inf., N. Y. N. G. 15 Oct. 19 accepted. 22 Oct. 19 | N. Y. 18 May 79 |
| Kloch, Karl Theodore, 9 Aug. 18 | adj. | | pvt. co. C, 3 inf. 20 Jan. 09 corp. 23 May 10 sgt. 31 Dec. 10 dropped. 11 June 11 taken up. 19 Feb. 12 dropped. 20 May 12 taken up. 3 Jan. 13 2 lt. 30 July 13 r. l. 31 July 15 co. A, 3 inf. 1 July 16 hon. dis. 3 Apr. 17 1 lt. 3 inf. 1 July 18 cap. 9 Aug. 18 accepted. 10 Aug. 18 N. G. R., 2 lt. 17 Mar. 19 | N. Y. 21 Nov. 88 |
| Skinner, Le Roy Jones, 21 Aug. 18 | hdq. | pvt. co. F, 3 N. Y. vols. 1 May 98 qm. sgt. 1 June 98 out 5 Dec. 98 | pvt. 29 sep. co. 28 Dec. 91 2 lt. 13 Apr. 99 1 lt. 12 July 05 cap. 5 July 07 resigned. 12 Mar. 14 r. l. 21 June 15 1 lt. 3 inf. 20 Nov. 17 accepted. 26 Nov. 17 tra. to 74 inf. 22 Nov. 17 cap. 74 inf. 21 Aug. 18 accepted. 22 Aug. 18 to 3 inf. 1 Aug. 19 | N. Y. 25 Aug. 71 |
| Smith Alfred H., 31 Dec. 18 reserve list. 21 Aug. 19 | T | | pvt. co. C, 3 inf., N. G. 11 Nov. 10 dis. 5 Feb. 12 re-enlisted. 4 Apr. 12 dis. 6 June 13 pvt. 4 amb. co. 18 Feb. 16 dis. 21 May 17 pvt. 4 amb. co. 30 Apr. 18 sgt., 1 cl. trans. 3 inf. 11 Dec. 18 cap. 3 inf. 31 Dec. 18 accepted. 4 Jan. 19 | N. Y. 8 Nov. 90 |
| Ditmars, James Peter, 13 Mar. 19 | B | | pvt. co. B, 3 inf. 6 May 13 corp. 27 Mar. 14 full and hon. dis. 6 May 16 re-enlisted, depot unit co. B. 24 June 16 sgt. 16 Aug. 16 sup. sgt. 9 Nov. 17 1 lt. 3 inf. 30 July 18 cap. 13 Mar. 19 cap. 3 inf., N. G. N. Y. 30 June 19 accepted. 23 July 19 | N. Y. 9 Nov. 89 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Daley, George W., 17 mar. 19 | sup. co. | mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 12 apr. 17 1 lt. inf. 15 aug. 17 cap. 17 mar. 19 hon. dis. 24 June 19 | pvt. co. M, 3 inf. 13 sep. 04 corp. 17 may 09 sgt. 3 dec. 10 qm. sgt. 28 jan. 12 full and hon. dis. 29 dec. 13 re-enlisted. 31 may 14 bat. sgt. maj. 18 dec. 14 hon. dis. 15 June 16 re-enlisted and warrant con. dft. 5 aug. 17 r. l., cap. 22 oct. 19 cap. 3 inf. 29 oct. 19 accepted. 3 nov. 19 | N. Y. 27 mar. 86 |
| McCabe, Edward M., 14 June 19 | C | mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 17 apr. 17 1 lt. 108 inf. 26 dec. 17 hon. dis. 31 mar. 19 | pvt. co. B, 1 inf. 11 apr. 05 corp. 4 may 08 dropped. 18 nov. 08 taken up, co. C. 31 dec. 10 corp. 8 July 11 sgt. 29 jan. 12 full and hon. dis. 24 may 12 re-enlisted. 27 may 12 bat. sgt. maj. 16 may 13 full and hon. dis. 29 may 14 re-enlisted. 8 June 14 2 lt. 24 apr. 17 accepted. 25 apr. 17 dft. 5 aug. 17 cap. 3 inf. 14 June 19 accepted. 16 June 19 N. G. R., 1 lt. 31 July 19 | N. Y. 10 mar. 82 |
| Van Buren, Lewellyn C., 23 June 19 reserve list. 29 sep. 19 | L | batty. K, 7 c. a. c., 1 June 98 80 co., c. a. c., 1 aug. 00 dis. from 114 co., c. a. c., 25 feb. 1902, as 1 sgt. | 1 lt. 3 inf. 2 jan. 18 cap. 23 June 19 accepted. 26 June 19 | N. Y. 25 dec. 76 |
| Green, Bion Le Roy, 5 aug. 19 reserve list. 13 nov. 19 | L | pvt. co. M, 71 N. Y. vols. 10 may 98 to 15 nov. 98 pvt. co. B, 26 U. S. V., July, 1899; corp. and sgt.; hon. dis., May, 1901. | pvt. 39 sep. co. 15 mar. 98 trs. 71 inf. — — — trs. 39 sep. co. — — — hon. dis. 15 aug. 98 2 lt. 1 inf. 7 aug. 17 accepted. 7 aug. 17 trs. to 3 inf. 28 nov. 17 1 lt. 3 inf. 27 dec. 18 cap. 5 aug. 19 accepted. 9 aug. 19 | N. Y. 5 mar. 77 |
| Betz, August C., 24 sep. 19 | m. g. co. | | 1 lt. 14 feb. 18 pvt. co. A, 3 inf., N. Y. N. G. 8 aug. 19 hon. dis. 18 aug. 19 1 lt. 3 inf., N. Y. N. G. 19 aug. 19 cap. 24 sep. 19 accepted. 27 sep. 19 | N. Y. 19 sep. 83 |
| Barnes, Ezra Andrew, 15 dec. 19 | D | mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 16 apr. 17 | 2 lt. 3 inf. 2 dec. 15 accepted. 4 dec. 15 dft. 5 aug. 17 r. l. 1 lt. 14 may 19 1 lt. 3 inf. N. Y. N. G. 30 June 19 cap. 15 dec. 19 accepted. 17 dec. 19 | N. Y. 11 may 79 |

THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Concluded</i> | | | | |
| Munson, Arthur E., 15 dec. 19 | F | ..... | pvt. co. F, 74 inf. 29 nov. 17 corp. 18 dec. 17 2 lt. 74 inf. 6 aug. 18 1 lt. 2 oct. 18 accepted 7 oct. 18 to 3 inf. 1 aug. 19 1 lt. 3 inf. N. Y. N. G. 25 nov. 19 cap. 15 dec. 19 accepted 16 dec. 19 | N. Y. 19 oct. 90 |
| <i>First Lieutenants</i> | | | | |
| Hennessey, William P., 3 aug. 16 f. and h. dis. . . . 29 apr. 19 | D | corp. co. D, 3 N. Y. vols. 1 may 98 to 1 dec. 98 | pvt. 8 sep. co. 21 may 97 hon. dis. 21 jan. 99 re-enlisted. 14 aug. 99 corp. 28 sep. 99 sgt. 22 dec. 99 2 lt. 26 may 00 1 lt. 17 mar. 03 full and hon. dis. 11 june 03 r. l. 3 aug. 16 depot batty. 3 aug. 16 1 lt. 3 inf. 30 jan. 18 accepted 1 feb. 18 2 prov. regt. 6 aug. 17 | ..... |
| Cook, James H., 14 june 17 reserve list. 4 sep. 19 | M | pvt. co. A, 21 inf. u. s. a. 15 aug. 98 to 14 nov. 98 | pvt. co. M, 3 inf. 20 nov. 07 corp. 13 july 09 sgt. 25 nov. 10 full and hon. dis. 29 nov. 12 2 lt. depot bat. 3 inf. 3 aug. 16 1 lt. 14 june 17 1 lt. 3 inf. 30 jan. 18 accepted 6 feb. 18 | N. Y. 27 mar. 74 |
| Poole, Sidman P., 15 aug. 17 | D | 1 lt. f. a. 15 aug. 17 14 r. r. and c. co. hon. dis. 1 aug. 19 | pvt. batty. A, 1 f. a. 22 july 12 hon. dis. 27 oct. 13 r. l. 1 lt. 17 nov. 19 1 lt. 3 inf. N. Y. N. G. 15 dec. 19 accepted 18 dec. 19 | N. Y. 19 oct. 93 |
| Genereux, Fred, 15 sep. 17 reserve list. 31 dec. 19 | I | ..... | pvt. co. D, 1 inf. 22 jan. 99 corp. 13 nov. 02 sgt. 2 apr. 03 2 lt. 15 july 04 resigned. 29 may 07 1 lt. 1 inf. 15 sep. 17 accepted 21 sep. 17 tra. to 5 bat. 22 nov. 17 tra. to 3 inf. 1 aug. 19 | N. Y. 18 may 75 |
| Smith, Harvey Norton, 6 oct. 17 reserve list. 20 june 19 | C | ..... | 1 lt. 3 inf. 6 oct. 17 accepted 15 oct. 17 | N. Y. 22 sep. 75 |
| Hasen, John L., 25 oct. 17 reserve list. 29 sep. 19 | I | ..... | 1 lt. 3 inf. 25 oct. 17 accepted 30 oct. 17 | N. Y. 18 dec. 76 |
| Lockwood, Lewis Granger, 25 oct. 17 reserve list. 29 aug. 19 | F | ..... | 1 lt. 3 inf. 25 oct. 17 accepted 2 nov. 17 | N. Y. 6 sep. 88 |
| Martin, Harwood, 25 oct. 17 reserve list. 10 feb. 19 | L | ..... | 1 lt. 3 inf. 25 oct. 17 accepted 2 nov. 17 | ..... |
| James, Frederick, 31 oct. 17 | sup. co. | ..... | 1 lt. 3 inf. 31 oct. 17 accepted 2 nov. 17 | N. Y. 9 jan. 68 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Fuller, Leland L., 8 jan. 18 | H | ..... | pvt 27 dec. 17 1 lt. 3 inf., N. Y. G. 8 jan. 18 accepted 10 jan. 18 pvt. co. A, 3 inf. 19 sep. 19 hon. dis. 9 oct. 19 1 lt. 3 inf., N. Y. N. G. 8 oct. 19 accepted 10 oct. 19 | N. Y. 6 june 90 |
| Lampert, Henry, 8 jan. 18 | bat. adj. | ..... | 1 lt. 3 inf. 8 jan. 18 accepted 11 jan. 18 | 18 apr. 62 |
| Corry, Frank B., 18 jan. 18 | m. g. co. | troop C, u. s. c., 11 sep. 08 to 29 feb. 12 tr. A, 11 u. s. c., 19 dec. 14 to 1 jan. 16 | co. A, 3 inf. 22 aug. 08 hon. dis. 8 sep. 08 co. H, 3 inf. 27 may 13 hon. dis. 12 nov. 14 1 lt. 3 inf., N. Y. G. 18 jan. 18 1 lt. 3 inf., N. Y. N. G. 4 dec. 19 accepted 4 dec. 19 | ..... |
| Pritchard, Norman S., 23 jan. 18 | A | mustered into u. s. ser. 5 july 16 out 5 oct. 16 | pvt. 8 co. 8 june 00 corp. 21 feb. 07 sgt. 6 dec. 09 full and hon. dis. 14 sep. 14 re-enlisted 8 oct. 14 full and hon. dis. 17 nov. 15 re-enlisted 17 nov. 15 bat. sgt. maj. 23 june 16 hon. dis. 16 apr. 17 1 lt. 3 inf. 23 jan. 18 1 lt. 3 inf., N. Y. N. G. 28 june 19 | Eng. 2 mar. 82 |
| Griffith, Chester P., 2 feb. 18 reserve list.... 27 jan. 19 | bat. adj. | ..... | 1 lt. 3 inf. 15 feb. 18 accepted 16 feb. 18 | N. Y. 19 june 70 |
| Phillips, James J., 4 feb. 18 reserve list.... 21 july 19 | G | ..... | 1 lt. 3 inf. 14 feb. 18 accepted 15 feb. 18 | N. Y. 26 june 77 |
| Woodward, Barton E., 30 july 18 | F | mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 17 apr. 17 1 lt. inf. 30 july 18 44 inf.; hon. dis. 14 july 19 | pvt. co. F, 3 inf. 18 july 10 corp. 15 july 11 sgt. 6 jan. 16 full and hon. dis. 3 apr. 16 re-enlisted 3 apr. 16 2 lt. 24 apr. 17 accepted 26 apr. 17 dft. 5 aug. 17 r. l. 27 aug. 19 2 lt. 3 inf., N. Y. N. G. 25 nov. 19 1 lt. 16 c. 19 accepted 18 dec. 19 | ..... |
| Rolfe, James A., 28 aug. 18 reserve list.... 7 aug. 19 | K | ..... | pvt. co. K, 3 inf. 14 nov. 17 1 lt. 28 aug. 18 accepted 30 aug. 18 | N. Y. 19 july 69 |
| Trowbridge, Oliver B., 30 aug. 18 reserve list.... 29 aug. 19 | R | ..... | pvt. co. R, 3 inf. 31 may 19 1 lt. 30 aug. 18 accepted 6 sep. 18 | N. Y. 31 aug. 89 |
| Jones, Henry Neely, 15 oct. 18 reserve list.... 15 sep. 19 | asst. i. s. a. p. | ..... | 1 lt. 3 inf. 15 oct. 18 accepted 24 oct. 18 | Me. 25 oct. 81 |
| Winne, Walter B., 2 nov. 18 | bat. adj. | mustered into u. s. ser. 18 apr. 17 o. t. s. 13 jan. 18 2 lt. 108 inf., 4 may 18 1 lt. 2 nov. 18 hon. dis. 23 sep. 19 | pvt. co. M, 3 inf. 18 apr. 17 to sup. co. 13 oct. 17 1 lt. 3 inf. 23 nov. 19 accepted 28 nov. 19 | N. Y. 17 oct. 96 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Con- tinued</i> | | | | |
| Hickey, Daniel C., 27 dec. 18 | bat. adj. | ..... | pvt. tr. D, cav. 26 apr. 04 corp. 27 nov. 04 p. comy. sgt. 10 aug. 09 full and hon. dis. 9 feb. 11 re-enlisted and warrant con. reg. comy. sgt. 16 may 12 full and hon. dis. 18 july 12 1 lt. 3 inf. 27 dec. 18 accepted. 1 jan. 19 | N. Y. 14 nov. 78 |
| Bowdish, Clifford E., 9 jan. 19 reserve list.... 29 aug. 19 | N | sgt., u. s. a., aug. 1918- dec., 1918. | pvt. sup. co. 3 inf. 21 nov. 17 hon. dis. 28 mar. 18 1 lt. 3 inf. 2 jan. 18 accepted. 7 jan. 18 2 prov. regt. 17 may 18 hon. dis. 30 aug. 18 1 lt. 3 inf. 9 jan. 19 accepted. 25 jan. 19 | N. Y. 7 jan. 92 |
| Baker, Ernest L., 21 mar. 19 | E | ..... | pvt. co. B, 3 inf. 1 july 16 N. Y. G. 25 nov. 17 corp. 3 oct. 17 sgt. 22 jan. 18 hon. dis. 24 aug. 18 2 lt. 3 inf. 16 aug. 18 1 lt. 21 mar. 19 1 lt. 3 inf., N. Y. N. G. 30 june 19 accepted. 8 aug. 19 | Me. 13 may 80 |
| Tolhurst, Fay M., 22 mar. 19 | K | ..... | pvt. co. K, 1 inf. 14 dec. 08 dropped. 7 nov. 11 taken up. 30 july 13 dropped. 15 oct. 13 pvt. co. A, 5 bat. 18 aug. 17 sgt. 20 oct. 17 1 lt. 5 bat. 22 mar. 19 accepted. 26 mar. 19 to 3 inf. 1 aug. 19 1 lt. 3 inf., N. Y. N. G. 22 dec. 19 accepted. 22 dec. 19 | Iowa 3 mar. 87 |
| Roberts, Edwin Morris, 20 may 19 | M | mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 16 apr. 17 1 lt. 108 inf., 24 jan. 18 hon. dis. ... 21 mar. 19 | pvt., corp., sgt., 1 sgt. 20 sep. co. 11 apr. 87 hon. dis. 2 feb. 94 pvt. 5 feb. 94 to 10 sep. 15 1 lt. 3 inf. 10 sep. 15 accepted. 13 sep. 15 dft. 5 aug. 17 r. l. 2 may 19 1 lt. 3 inf. 15 oct. 19 accepted. 20 oct. 19 | N. Y. 28 apr. 68 |
| Sembach, Frederick C., 20 june 19 | C | ..... | cap. 3 inf. 30 oct. 17 accepted. 31 oct. 17 2 prov. regt. 13 feb. 18 relieved. 19 july 18 r. l. 14 june 19 1 lt. 3 inf. 20 june 19 1 lt. 3 inf., N. G. N. Y. 7 aug. 19 accepted. 7 aug. 19 | N. Y. 10 aug. 77 |
| Koch, Elmer G., 1 oct. 19 | G | ..... | 2 lt. 3 inf. 14 feb. 18 pvt. co. A, 3 inf. 8 aug. 19 hon. dis. 18 aug. 19 2 lt. 3 inf. N. Y. G. 19 aug. 19 1 lt. 1 oct. 19 accepted. 6 oct. 19 | N. Y. 193 mar. 85 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants</i> | | | | |
| McCaffrey, Joseph T., 3 aug. 16 reserve list.... 4 sep. 19 | D | ..... | pvt. 48 sep. co. 24 sep. 99 corp. 5 jan. 03 dropped. 13 July 03 2 lt. depot bat. 3 inf. 3 aug. 16 accepted. 19 aug. 16 2 lt. inf. 30 Jan. 18 accepted. 2 feb. 18 | N. Y. 14 July 79 |
| McDerment, William C., 11 oct. 17 reserve list.... 3 nov. 19 | I | co. D, 1 N. Y. vols. 18 may 98 to 30 nov. 98 | pvt. co. D, 1 inf. 13 sep. 95 dropped. 20 apr. 96 2 lt. 1 inf. 11 oct. 17 accepted. 16 oct. 17 trs. to 5 bat. 22 nov. 17 trs. to 3 inf. 11 aug. 19 | N. Y. 24 aug. 70 |
| Gordon, Thomas C., 25 oct. 17 reserve list.... 29 sep. 19 | I | ..... | 2 lt. 3 inf. 25 oct. 17 accepted. 1 nov. 17 | N. Y. 6 feb. 84 |
| Hally, Edward J., 25 oct. 17 reserve list.... 29 aug. 19 | F | ..... | 2 lt. 3 inf. 25 oct. 17 accepted. 3 nov. 17 | N. Y. 1 nov. 85 |
| Cole, Homer F., 2 jan. 18 | A | ..... | co. A, 3 inf. 22 oct. 15 corp. 12 July 16 dis. 12 July 16 2 lt. 3 inf. 2 jan. 18 2 lt. 3 inf., N. Y. N. G. 28 June 19 accepted. 19 July 19 | N. Y. 9 July 87 |
| Morey, Clair L., 17 jan. 18 | E | ..... | 2 lt. 3 inf. 17 jan. 18 accepted. 19 jan. 18 | N. Y. 20 feb. 79 |
| Stout, Allen D., 27 mar. 18 reserve list.... 4 sep. 19 | M | ..... | pvt. co. M, 3 inf., N. G. N. Y. 1 oct. 01 dropped. 6 oct. 03 taken up. 3 June 05 corp. 18 nov. 06 sgt. 24 Jan. 10 qm. sgt. 3 dec. 10 1 sgt. 29 Jan. 12 bat. sgt. maj. 13 mar. 14 full and hon. dis. 18 sep. 14 co. M, depot unit. 2 July 17 1 sgt. 11 oct. 17 2 lt. 27 mar. 18 accepted. 2 apr. 18 | N. Y. 13 dec. 80 |
| Palmer, Vincent A., 10 may 18 | H | ..... | pvt. co. G, 3 inf., N. Y. G. 15 oct. 17 corp. 22 dec. 17 trans. co. H. 7 feb. 18 2 lt. 3 inf. 10 may 18 2 lt. 3 inf., N. Y. N. G. 19 aug. 19 accepted. 12 sep. 19 | Ore. 17 aug. 92 |
| Phoenix, Harvey D., 1 July 18 | bqr. co. | ..... | pvt. 31 sep. co., N. G. N. Y. 25 Jan. 97 musician. 11 feb. 97 dropped. 12 June 97 bandmaster, 3 inf. 10 mar. 18 2 lt. 3 inf., N. Y. G. 1 July 18 accepted. 3 July 18 | Eng. 23 may 75 |

THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Second Lieutenants—Cont'd | | | | |
| Bogardus, Raymond A., 6 aug. 18 reserve list.... 19 june 19 | C | ..... | pvt. co. C, 3 inf., N. Y. G. 22 nov. 09 full and hon. dis. 22 nov. 12 re-enlisted 12 dec. 12 corp 27 june 13 full and hon. dis. 12 jan. 15 re-enl., corp., sgt. 11 june 15 full and hon. dis. 1 mar. 16 re-enlisted 20 mar. 16 full and hon. dis. 17 apr. 17 pvt. hdq. co. 3 inf., N. Y. G. 5 jan. 18 color sgt. 2 lt. 6 aug. 18 accepted 9 aug. 18 | N. Y. 16 july 90 |
| Townsend, James R., 13 aug. 18 | sup. co. | ..... | pvt. 3 inf., N. Y. G. 9 mar. 18 2 lt. 13 aug. 18 accepted 14 aug. 18 | Vt. 4 sep. 86 |
| Carnes, Udell Dorr, 30 aug. 18 reserve list.... 29 aug. 19 | R | ..... | pvt. co. R, 3 inf., N. Y. G. 3 apr. 18 2 lt. 3 inf., N. Y. G. 30 aug. 18 accepted 9 sep. 18 | N. Y. 20 july 89 |
| Egloff, William J., 1 oct. 18 | C | mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 17 apr. 17 1 sgt. co. C, 108 inf., — feb. 18 2 lt. 305 inf., 1 oct. 18 hon. dis. 10 may 19 | pvt. co. C, 3 inf. 9 dec. 07 full and hon. dis. 16 oct. 11 re-enlisted 23 oct. 11 dropped 14 oct. 12 taken up 7 mar. 13 full and hon. dis. 14 apr. 14 re-enlisted 23 apr. 14 corp 1 mar. 15 full and hon. dis. 19 may 16 re-enlisted and warrant con. sgt. 29 june 16 mess. sgt. 5 july 16 dft. 5 aug. 17 N. G. R., 1 lt. 13 june 19 2 lt. 3 inf. 20 june 19 2 lt. 3 inf., N. Y. N. G. 28 june 19 accepted 21 july 19 full and hon. dis. from N. G. R. 21 july 19 | N. Y. 30 jan. 86 |
| Wetenhall, Benjamin R., 1 oct. 18 | G | mustered into u. s. ser. 9 apr. 17 2 lt. inf. 1 oct. 18 hon. dis. 3 apr. 19 | pvt. m. g. co. 3 inf. 9 apr. 17 corp 2 may 17 sgt. 22 may 17 dft. 5 aug. 17 2 lt. 3 inf., N. Y. N. G. 18 oct. 19 accepted 21 oct. 19 | Pa. 25 nov. 91 |
| Kints, Arthur E., 30 nov. 18 | m. g. co. | mustered into u. s. ser. 5 july 16 out 5 oct. 16 corp. 30 co. 152 d. b. 27 june 18 2 lt. inf. 30 nov. 18 hon. dis. 19 sep. 19 | pvt. 2 amb. co. 9 apr. 11 full and hon. dis. 13 apr. 15 pvt. co. H, 3 inf. 26 nov. 15 sgt. 26 july 16 sup. sgt. 12 jan. 17 mess. sgt. 12 jan. 17 hon. dis. 16 apr. 17 pvt. co. H, 3 inf. 4 feb. 18 sup. sgt. 15 may 18 hon. dis. 24 june 18 2 lt. 3 inf. 11 oct. 19 2 lt. 3 inf., N. Y. N. G. 4 dec. 19 accepted 4 dec. 19 | N. Y. 14 jan. 88 |

THIRD INFANTRY—NEW YORK GUARD—(Concluded)

| Name, grade, date of randi and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Concl'd</i> | | | | |
| Burnham, Horatio B., 9 jan. 19 reserve list.... 29 aug. 19 | N | ..... | pvt., sup. co., 3 inf.... 21 nov. 17 dis..... 26 mar. 18 2 lt. 3 inf..... 30 jan. 18 accepted..... 2 feb. 18 hon. dis..... 1 nov. 18 2 lt. 3 inf..... 9 jan. 19 accepted..... 17 jan. 19 | N. Y. 11 oct. 96 |
| Chester, Benjamin P., 7 feb. 19 | L | u. s. navy... 12 may 99 to 7 may 07 sgt., 1 cl., 17 co., 5 rec. bat. 24 July 18 to 24 nov. 18 | 2 lt. 3 inf..... 7 feb. 19 accepted..... 13 feb. 19 | N. Y. 27 apr. 87 |
| Spicer, Claude H., 23 may 19 | M | mustered into u. s. ser..... 5 July 16 out 5 oct. 16 into 16 apr. 17 2 lt. 108 inf.. 19 apr. 18 hon. dis.... 31 mar. 19 | pvt. co. M, 3 inf..... 25 feb. 16 dft..... 5 aug. 17 r. l..... 21 may 19 2 lt. 3 inf., N. Y. N. G. 15 oct. 19 accepted..... 18 oct. 19 | N. Y. 19 dec. 94 |
| Brisbin, William J., 29 aug. 19 | B | co. C, 4 inf. 13 oct. 12 corp..... 24 oct. 14 hon. dis.... 12 oct. 15 | 1 lt. 3 inf., N. Y. G... 3 jan. 18 accepted..... 5 jan. 18 2 lt. 3 inf., N. Y. N. G. 29 aug. 19 accepted..... 13 sep. 19 | N. Y. 14 nov. 91 |
| Olsen, Clarence M., 2 oct. 19 | m. g. co. | mustered into u. s. ser..... 6 apr. 17 corp..... 17 aug. 17 sgt..... 18 sep. 18 108 inf., o. t. s., 17 oct. 18 hon. dis.... 31 mar. 19 | pvt. m. g. co., 3 inf.... 17 mar. 17 dft..... 5 aug. 17 2 lt. 3 inf..... 2 oct. 19 2 lt. 3 inf., N. Y. N. G. 4 dec. 19 accepted..... 4 dec. 19 | N. Y. 3 may 98 |
| Doige, William L., 22 dec. 19 | K | ..... | pvt. co. E, 5 bat..... 17 nov. 17 hon. dis..... 19 nov. 19 2 lt. 3 inf., N. Y. N. G. 22 dec. 19 accepted..... 19 may 20 | Me. 9 mar. 87 |

FOURTH INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, 227-235 Washington Street, Binghamton

Organized November 22, 1917, by S. O. 58, A. G. O., to include all infantry units mustered into the New York Guard from the counties of Broome, Chenango, Tioga, Tompkins, Chemung, Schuyler, Yates, Steuben and Allegany. By same order Company H, 1st Infantry, and Companies K and L, 3d Infantry, were attached to this regiment.

COMPANY A*Angelica*

Organized as a Home Defense Unit. Mustered into the New York Guard October 18, 1917.

COMPANY B*Headquarters, Wellsville — Platoon at Friendship*

Organized as Home Defense Units. Mustered into New York Guard — Wellsville Platoon October 19, 1917; Friendship Platoon, October 17, 1917.

COMPANY C*Headquarters, Corning*

Organized as Home Defense Units. Mustered into New York Guard — Corning Platoon November 13, 1917; Penn Yan Platoon November 10, 1917.

COMPANY D*Headquarters, Ithaca — Platoon at Trumansburg*

Organized as Home Defense Unit. Mustered into New York Guard — Ithaca Platoon October 30, 1917; Trumansburg Platoon November 15, 1917.

COMPANY E*Headquarters, Deposit*

Organized as Home Defense Unit. Mustered into New York Guard November 21, 1917.

COMPANY F*Headquarters, Owego*

Organized as Home Defense Unit. Mustered into New York Guard November 1, 1917.

COMPANY G*Headquarters, 227-235 Washington Street, Binghamton — Platoon at Greene*

Organized as Home Defense Units. Mustered into New York Guard, Binghamton, December 2, 1917; Greene, June 19, 1918.

COMPANY H*Headquarters, Binghamton*

Organized as a Depot Unit, of Company H, 1st Infantry. Mustered into the New York Guard February 2, 1918.

COMPANY I*Headquarters, Montour Falls — Platoon at Watkins*

Organized as Home Defense Units. Montour Falls Platoon mustered into New York Guard November 13, 1917. Watkins Platoon not mustered into New York Guard.

COMPANY K*Headquarters, 100 Seneca Street, Hornell — Platoon at Bath*

Organized as a Depot Unit Company K, 3d Infantry, N. G. N. Y. Mustered into State service August 28, 1917. Transferred to this regiment, G. O. 58, A. G. O., November 22, 1917. Mustered into New York Guard November 20, 1917. Bath Platoon October 20, 1917.

COMPANY L*Headquarters, 307-310 East Church Street, Elmira*

Organized as a Depot Unit Company L, 3d Infantry, N. G. N. Y. Mustered into State service July 12, 1917. Transferred to this regiment November 22, 1917, G. O. 58, A. G. O. Mustered into New York Guard November 27, 1917.

COMPANY M*Headquarters, Groton*

Organized as a Home Defense Unit. Mustered into New York Guard November 15, 1917.

FOURTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors — Continued</i> | | | | |
| Wilbur, Julian Roy, 17 dec. 17 | ..... | co. H, 1 N. Y. inf. 1 may 98 to 26 feb. 99 | pvt., corp., agt., 1 agt., 20 sep. co. 23 jan. 96 hon. dis. 23 may 06 pvt. 23 may 06 to 30 dec. 08 2 lt. 1 inf. 30 dec. 08 1 lt. 26 feb. 10 resigned. 19 jan. 17 1 lt., r. l. 25 July 17 cap. 1 inf. 7 aug. 17 maj. 4 inf. 17 dec. 17 accepted. 26 dec. 17 | N. Y. 11 apr. 74 |
| Conover, Arlie B., 26 dec. 17 | ..... | ..... | pvt. co. K, 2 bat. 20 June 03 m. dept., tra. to 3 inf. 1 aug. 10 corp. 8 aug. 13 full and hon. dis. 3 apr. 14 re-enlisted co. K, d. b. 3 inf. 10 July 16 cap. d. b., 3 inf. 18 July 17 maj. 4 bat. 26 dec. 17 accepted. 2 Jan. 18 | N. Y. 8 oct. 83 |
| Whitley, Walter K., 21 June 19 | ..... | mustered into u. s. ser. 5 July 16 out 5 Oct. 16 | pvt. 30 sep. co. 7 dec. 99 corp. 14 mar. 03 agt. 20 sep. 04 1 agt. 2 June 06 1 lt. 3 inf. 8 July 09 accepted. 10 July 09 full and hon. dis. 24 Nov. 16 r. l. 31 Aug. 17 maj. 4 inf. 21 June 19 accepted. 24 June 19 | ..... |
| <i>Captains</i> | | | | |
| Seharf, Fred E., 3 Aug. 16 f. and h. dis. 15 May 19 | L | ..... | co. L, 34 sep. co., N. Y. N. G. 8 Oct. 07 full and hon. dis. 1 July 18 cap. depot bat. 3 inf. 3 Aug. 16 cap. 4 inf., N. Y. G. 30 Jan. 18 accepted. 1 Feb. 18 | N. Y. 18 Jan. 85 |
| Riffe, James, 17 Apr. 17 | L | mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 17 Apr. 17 cap. 103 inf., hon. dis. ... 3 Mar. 19 | pvt., corp., agt., co. L, 3 inf. 23 Dec. 02 to 2 Aug. 09 2 lt. 3 inf. 2 Aug. 09 1 lt. 23 Jan. 17 cap. 17 Apr. 17 accepted. 19 Apr. 17 dft. 5 Aug. 17 r. l. 30 Apr. 19 cap. 4 inf. 2 Dec. 19 accepted. 4 Dec. 19 | N. Y. 23 Feb. 75 |
| Johnson, John W., 8 Aug. 17 hon. dis. 1 Nov. 19 | m. g. co. | ..... | cap. 1 f. s. 8 Aug. 17 trans. 3 f. s., N. Y. G. 6 Oct. 17 cap. 4 inf. 9 Mar. 18 accepted. 4 Apr. 18 1 prov. regt. 7 Aug. 17 relieved. 11 Jan. 19 | N. Y. 9 Feb. 76 |
| Pratt, Roy Goff, 11 Dec. 17 hon. dis. 15 Nov. 19 | sup. off. | ..... | cap. 4 inf. 11 Dec. 17 accepted. 13 Dec. 17 | N. Y. 25 Feb. 83 |

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|----------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Heft, William F., 11 dec. 17 | E | pvt. co. I, 11 rgt. inf. N. G. Pa., 30 apr. 95 corp. 6 apr. 99 1 sgt. 22 nov. 00 dis. 30 July 01 | cap. 4 inf. 11 dec. 17 accepted. 14 dec. 17 | Pa. 5 dec. 79 |
| Ritchie, Chrisenberry A., 11 dec. 17 | chap. | ..... | cap. 4 inf. 11 dec. 17 accepted. 13 dec. 17 | S. C. 10 sep. 79 |
| Hinman, Charles Henry, 18 jan. 18 reserve list.... 22 nov. 19 | H | ..... | pvt. co. B, 74 inf. 21 may 07 dropped. 26 sep. 07 taken up, co. H, 1 inf. 7 apr. 09 corp. 1 feb. 12 2 lt. 1 inf. 20 may 12 full and hon. dis. 17 jan. 14 r. l. 5 July 16 duty with d. b. 5 July 16 1 lt. 1 inf. 7 aug. 17 tra. to 4 inf. 22 nov. 17 cap. 4 inf. 18 jan. 18 accepted. 21 jan. 18 1 prov. regt. 7 aug. 17 relieved. 31 jan. 19 | N. Y. 14 jan. 84 |
| Orcutt, William, 18 jan. 18 reserve list.... 15 aug. 19 | K | ..... | co. K, 2 bat. 4 brig. 6 feb. 01 corp. 29 may 03 full and hon. dis. 8 apr. 09 pvt. co. K, d. b. 3 inf. 10 July 16 1 lt. 18 July 17 cap. 4 inf., N. Y. G. 18 jan. 18 accepted. 22 jan. 18 | N. Y. 10 July 82 |
| Schlick, Frank L., 30 jan. 18 | I | mustered into u. s. ser. 17 may 98 trans to 6 co., 2 sep. 98 corp. 1 feb. 99 mustered out, 31 mar. 99 | co. L, 3 inf. 30 apr. 98 cap. co. I, 4 inf. 30 jan. 18 accepted. 1 feb. 18 | Va. 27 aug. 77 |
| Nagel, Theodore, 30 jan. 18 | D | ins. Phila. constab., 1 yr.; 24 yrs. u. s. army. | cap. 4 inf. 20 jan. 18 accepted. 2 feb. 18 | Ger. 25 dec. 68 |
| Marlette, Frank C., 30 jan. 18 reserve list.... 7 mar. 19 | M | Philippine Islands, 31 mar.—19 apr., 12 and 22 feb. to 5 mar. 14. China exp. 20 apr. 12 to 27 jan. 14 | cap. 4 inf. 30 jan. 18 accepted. 4 feb. 18 | Minn. 30 June 90 |
| Ashley, Douglas V., 15 feb. 18 | i. s. a. p. | 1 lt. inf., o. r. c., u. s. a. 6 nov. 18 to 2 apr. 14 cap. from.. 2 apr. 17 | cap. 4 inf. 15 feb. 18 accepted. 18 feb. 18 | N. Y. 23 may 81 |
| Lathrop, Clarence L., 20 feb. 18 | A | ..... | cap. co. A, 4 inf. 20 feb. 18 accepted. 23 feb. 18 | N. Y. 23 jan. 72 |
| Duke, Charles M., 20 feb. 18 reserve list.... 11 nov. 19 | B | ..... | cap. co. B, 4 inf. 20 feb. 18 accepted. 25 feb. 18 | N. Y. 1 June 91 |
| Winter, Sidney, 20 may 18 | F | English territorials, 1892-1895 | 1 lt. 4 inf. 11 dec. 17 cap. 20 may 18 accepted. 23 may 18 | Eng. 14 nov. 76 |

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Windsor, Alfred Carrington, 29 July 18 | C | ..... | 1 lt. 4 inf. 17 dec. 17 cap. 29 July 18 accepted. 1 aug. 18 | Pa. 8 nov. 85 |
| De Melt, W. Eugene, 29 July 18 reserve list.... 7 mar. 19 | O | ..... | 1 lt. 4 inf. 20 feb. 18 cap. 29 July 18 accepted. 2 aug. 18 | N. Y. 2 June 72 |
| Cole, William C., 26 sep. 18 hon. dis. 14 mar. 19 | adj. | pvt. and agt. 1 co. sig. corps. Ohio N. G., 1906-1908. | 1 lt. 4 inf. 14 June 18 cap. 26 sep. 18 accepted. 28 sep. 18 | Ohio 7 Oct. 80 |
| Herrick, Franklyn J., 26 dec. 18 | m. g. co. | ..... | pvt. co. B, 4 inf. 19 Oct. 17 2 lt. 20 feb. 18 1 lt. 30 Oct. 18 cap. 26 Dec. 18 accepted. 26 Dec. 18 | N. Y. 31 Jan. 93 |
| Cook, William F., 1 Oct. 19 | K | ..... | 1 lt. 4 inf. 20 feb. 18 cap. 1 Oct. 19 accepted. 6 Oct. 19 | Pa. 16 July 81 |
| Quick, Julian B., 22 Nov. 19 | sup. co. | ..... | pvt. sup. co. 4 inf. 13 feb. 18 1 agt. 26 Dec. 18 2 lt. 22 Nov. 19 cap. 25 Nov. 19 accepted. 25 Nov. 19 | N. Y. 1 Sep. 91 |
| Suttle, Andrew B., 15 Dec. 19 | G | ..... | pvt. co. H, 1 inf. 6 Oct. 04 corp. 7 Dec. 09 full and hon. dis. 7 Apr. 10 re-enlisted. 12 Apr. 10 agt. 19 Apr. 11 full and hon. dis. 25 June 15 re-enlisted. 10 June 15 pvt. 4 inf. 8 Aug. 17 1 agt. 8 Aug. 17 1 lt. 18 Jan. 18 cap. 15 Dec. 19 accepted. 17 Dec. 19 1 prov. regt. 1 Mar. 18 relieved. 8 Jan. 19 | N. Y. 22 Jan. 83 |
| <i>First Lieutenants</i> | | | | |
| Garcia, William A., 3 Aug. 16 f. and h. dis. ... 28 June 19 | bat. adj. | ..... | co. L, 3 inf. 27 Nov. 00 corp. 17 Sep. 04 agt. 17 Sep. 06 1 agt. 13 Jan. 10 full and hon. dis. 11 Mar. 12 1 lt. 3 inf. 3 Aug. 17 1 lt. 4 inf. 30 Jan. 18 accepted. 5 Feb. 18 | Pa. 4 Jan. 81 |
| Darling, Harry A., 28 June 17 | H | mustered into u. s. ser. 17 July 17 1 lt. 107 inf. hon. dis. ... 2 Apr. 19 | pvt., co. H, 1 inf. 13 Oct. 04 corp. 2 Feb. 07 full and hon. dis. 18 Nov. 09 agt. 7 Jan. 11 full and hon. dis. 17 Feb. 11 re-enlisted. 28 Feb. 11 1 agt. 6 Aug. 12 full and hon. dis. 15 Apr. 15 re-enlisted. 15 Apr. 15 1 lt., 1 inf. 28 June 17 accepted. 2 July 17 | N. Y. 5 Feb. 85 |

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Bechtol, Clarence Miles, 7 aug. 17 f. and h. dis. . . . 2 july 19 | G | | pvt. co. H, 1 inf. . . . 4 apr. 12 sgt. maj. 1 inf. . . . 27 feb. 13 full and hon. dis. . . . 9 apr. 15 1 lt. inf. . . . 7 aug. 17 accepted 7 aug. 17 1 prov. regt. . . . 8 sep. 17 relieved 8 jan. 19 | |
| Eaton, Otis D., 8 aug. 17 hon. dis. 1 nov. 19 | m. g. co. | Pa. N. G. serv. co. K, 13 inf. 3 yrs., 16 mar. 11 to 16 mar. 14 | 1 lt. 1 f. a., N. Y. G. . . . 8 aug. 17 accepted 10 sep. 17 to 3 f. a. . . . 6 oct. 17 1 lt. 4 inf. . . . 9 mar. 18 accepted 26 mar. 18 1 prov. regt. . . . 7 aug. 17 relieved 11 jan. 19 | Pa. 8 jan. 93 |
| York, Charles J., 18 jan. 18 hon. dis. 29 apr. 19 | K | | co. K, 3 inf. . . . 29 june 16 2 lt. . . . 18 july 17 1 lt. 4 inf. . . . 18 jan. 18 accepted 22 jan. 18 | N. Y. 10 apr 86 |
| Moe, Earl T., 30 jan. 18 reserve list. . . . 7 mar. 19 | M | | 1 lt. 4 inf. . . . 30 jan. 18 accepted 1 feb. 18 | N. Y. 14 aug. 75 |
| Mosier, John C., 30 jan. 18 | L | mustered into u. s. ser. . . . 5 july 16 out 5 oct. 16 | pvt. co. L, 3 inf. . . . 10 mar. 09 corp. . . . 22 apr. 12 sgt. . . . 22 dec. 14 full and hon. dis. . . . 15 mar. 15 re-enlisted 15 mar. 15 full and hon. dis. . . . 3 apr. 16 re-enlisted 3 apr. 16 dis. . . . 17 apr. 17 2 lt. depot bat. 3 inf. . . . 14 june 17 1 lt. 4 inf. . . . 30 jan. 18 accepted 2 feb. 18 | Pa. 29 oct. 90 |
| Forbes, Albert F., 30 jan. 18 | | | 1 lt. co. I, 4 inf. . . . 30 jan. 18 accepted 5 feb. 18 | N. Y. 1 jan. 88 |
| Klinger, Walter B., 20 feb. 18 reserve list. . . . 7 mar. 19 | B | | 1 lt. 4 inf. . . . 20 feb. 18 accepted 23 feb. 18 | Pa. 7 mar. 77 |
| O'Connor, Francis B., 20 feb. 18 reserve list. . . . 11 nov. 19 | B | | 1 lt. 4 inf. . . . 20 feb. 18 accepted 23 feb. 18 | N. Y. 10 july 83 |
| Bergen, Veeder, 20 feb. 18 reserve list. . . . 7 mar. 19 | D | | 1 lt. 4 inf. . . . 20 feb. 18 accepted 28 feb. 18 | N. Y. 16 may 94 |
| Harris, John C., 28 mar. 18 | asst. i. s. a. p. | | 1 lt. 4 inf. . . . 28 mar. 18 accepted 3 apr. 18 | Pa. 8 july 74 |
| Davis, Frederick J., 20 june 18 hon. dis. 10 june 19 | F | | 2 lt. 4 inf. . . . 11 dec. 17 1 lt. . . . 20 june 18 accepted 25 june 18 | N. Y. 12 aug. 71 |
| Page, Joseph R., 1 july 18 reserve list. . . . 7 mar. 19 | G | | pvt. co. G, 4 inf. . . . 11 june 18 1 lt. . . . 1 july 18 accepted 3 july 18 | N. Y. 7 mar. 97 |
| Gregorius, Thomas K., 6 aug. 18 | | | 1 lt. 4 inf. . . . 6 aug. 18 accepted 7 aug. 18 | N. Y. 3 july 93 |
| Warner, Oliver L., 28 aug. 18 reserve list. . . . 7 mar. 19 | | | 1 lt. 4 inf. . . . 28 aug. 18 accepted 31 aug. 18 | N. Y. 26 may 90 |

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Newing, Stuart L., 15 oct. 18 | G | ..... | pvt. co. H, 1 inf..... 8 aug. 17 reas. co. H, 4 inf..... 8 aug. 17 hon. dis. as bat. sgt. maj..... 14 oct. 18 1 lt..... 15 oct. 18 accepted..... 23 oct. 18 | N. Y. 4 dec. 97 |
| Baldwin, Harry C., 15 oct. 18 reserve list.... 27 oct. 19 | D | ..... | 2 lt. co. D, 4 inf..... 30 jan. 18 1 lt..... 15 oct. 18 | Ohio 27 apr. 84 |
| Karr, Howard M., 1 nov. 18 | bat. adj. | mustered into u. s. ser..... 5 July 18 out 5 oct. 18 into 17 apr. 17 2 lt. 108 inf..... 5 May 18 1 lt..... 1 nov. 18 hon. dis. . . . 31 mar. 19 | pvt. co. L, 3 inf..... 9 may 18 sgt..... 19 apr. 17 dft..... 5 aug. 17 1 lt. 4 inf..... 15 dec. 19 accepted..... 18 dec. 19 | N. Y. 28 feb. 95 |
| Smith, Kenneth Ogden, 27 nov. 18 | E | ..... | 2 lt. 4 inf..... 11 dec. 17 accepted..... 6 dec. 18 1 lt..... 27 nov. 18 | N. Y. 28 dec. 85 |
| Harvey, Moses B., 7 dec. 18 | A | ..... | pvt. co. A, 4 inf..... 13 oct. 17 1 sgt..... 18 june 18 1 lt. 4 inf..... 7 dec. 18 accepted..... 17 dec. 18 | N. Y. 27 aug. 84 |
| Smyth, Stuart W., 21 june 19 reserve list.... 4 sep. 19 | F | ..... | pvt. co. F, 4 inf..... 1 nov. 17 sgt., 1 sgt..... 25 sept. 18 2 lt. 4 inf..... 26 sep. 18 1 lt..... 21 june 19 accepted..... 24 june 19 | N. Y. 22 mar. 79 |
| Titus, Rexford W., 17 july 19 | m. g. co. | ..... | 2 lt. 4 inf..... 30 jan. 18 1 lt..... 17 july 19 accepted..... 21 july 19 | Pa. 25 sep. 89 |
| Beecher, Paul H., 31 oct. 19 | F | ..... | pvt. co. F, 4 inf..... 31 oct. 17 corp., sgt., 1 sgt. 1 july 19 2 lt. 4 inf..... 2 july 19 1 lt..... 31 oct. 19 accepted..... 3 nov. 19 | Pa. 15 sep. 83 |
| Sheron, Bernie, 21 nov. 19 | K | Mich. light art., 14 jan. 08 to 10 mar. 10 | 2 lt. 4 inf..... 29 july 18 1 lt..... 21 nov. 19 accepted..... 22 nov. 19 | Mich. 9 aug. 89 |
| Colson, Charles W., 15 dec. 19 | bat. adj. | mustered into u. s. ser..... 5 july 18 out 5 oct. 18 into 13 apr. 17 1 sgt. 108 inf., 1 feb. 18 hon. dis. . . 31 mar. 19 | pvt. co. K, 3 inf. 24 sep. 10 full and hon. dis. 24 sep. 14 re-enlisted..... 1 oct. 14 corp..... 26 feb. 15 sgt..... 26 apr. 16 dft..... 5 aug. 17 1 lt. 4 inf..... 15 dec. 19 accepted..... 20 dec. 19 | N. Y. 13 sep. 92 |
| <i>Second Lieutenants.</i> | | | | |
| Phelps, William G., Jr., 30 jan. 18 reserve list.... 28 may 19 | H | ..... | 2 lt. co. H, 4 inf. 30 jan. 18 accepted..... 1 feb. 18 | N. Y. 5 june. 90 |
| Updyke, Hiram B., 30 jan. 18 reserve list.... 20 oct. 19 | L | U. S. marine corps, 1899-1904. | 2 lt. co. L, 4 inf..... 30 jan. 18 accepted..... 1 feb. 18 | N. Y. 8 aug. 77 |
| Brady, George F., 30 jan. 18 hon. dis. 9 dec. 19 | I | ..... | 2 lt. co. I, 4 inf. 30 jan. 18 accepted..... 2 feb. 18 | N. Y. 27 feb. 78 |

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|--------------|--|--|------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Sorensen, Thomas H., 28 aug. 18 reserve list.... 7 mar. 19 | O | Denmark navy, 27 mar. 94 to 16 nov. 94 | 2 lt. 4 inf..... 28 aug. 18 accepted..... 30 aug. 18 | Den- mark 9 mar. 72 |
| Simpson, Norman T., 5 sep. 18 hon. dis..... 29 aug. 19 | C | Co. A, 1 cav., N. G. U. S. 19 june 18 to 22 sep. 17 co. A, 104 m. g. b., 22 sep. 17 to 28 dec. 17 | pvt. co. C, 4 inf. 24 july 18 2 lt. 4 inf. 5 sep. 18 accepted..... 10 sep. 18 | N. J. 8 feb. 93 |
| Weaver, Le Roy, 1 oct. 18 | L | mustered into u. s. ser..... 5 july 18 out 5 oct. 18 into 13 apr. 17 1 sgt. co. L, 108 inf. 2 lt. inf. (38 and 328), 1 oct. 18 hon. dis.... 9 july 19 | pvt. co. L, 3 inf. 29 dec. 13 corp..... 21 june 16 sgt..... — 17 dft..... 5 aug. 17 2 lt. 4 inf. 15 dec. 19 accepted..... 24 dec. 19 | N. Y. 29 dec. 95 |
| Bement, Louis C., 28 oct. 18 hon. dis..... 1 oct. 19 | D | ..... | pvt. co. D, 4 inf. 30 oct. 17 sgt..... 30 mar. 18 2 lt. 4 inf. 28 oct. 18 accepted..... 5 nov. 18 | N. Y. 29 oct. 65 |
| Packer, Leo D., 30 nov. 18 reserve list.... 7 mar. 19 | M | ..... | pvt. co. G, 1 inf. 9 apr. 13 hon. dis..... 16 may 16 2 lt. 4 inf. 30 nov. 18 accepted..... 7 dec. 18 | N. Y. 7 oct. 87 |
| Gilbert, John M., 30 nov. 18 reserve list.... 11 nov. 19 | B | 3 N. Y. vols., 18 may 98 to 9 dec. 98 | pvt. co. B, 4 inf. 19 oct. 17 1 sgt..... 30 nov. 18 2 lt. 4 inf. 30 nov. 18 accepted..... 10 dec. 18 | N. Y. 17 feb. 74 |
| Steinman, Albert F., 2 dec. 18 | E | ..... | pvt. co. E, 4 inf. 9 nov. 17 1 sgt..... 21 oct. 18 2 lt. 4 inf. 4 dec. 18 accepted..... 6 dec. 18 | N. J. 15 oct. 86 |
| Mapes, Ethan A., 7 dec. 18 | A | ..... | pvt. co. A, 4 inf. 14 oct. 17 corp..... — 18 2 lt. 4 inf. 7 dec. 18 accepted..... 10 dec. 18 | N. Y. 21 feb. 82 |
| Ainslie, Morris D., 24 july 19 | G | ..... | pvt. co. H, 4 inf. 23 aug. 17 corp..... 28 sep. 17 sgt..... 1 oct. 17 1 sgt..... 20 aug. 18 2 lt. 4 inf. 24 july 19 accepted..... 1 aug. 19 | N. Y. 29 dec. 89 |
| Barnes, Oliver W., 15 aug. 19 | m. g. co. | mustered into u. s. ser..... 3 july 18 out 24 oct. 18 | pvt. 1 amb. co. 11 mar. 12 full and hon. dis. 15 dec. 15 re-enlisted..... 24 dec. 15 hon. dis..... 4 may 17 pvt. co. G, 4 inf. 2 dec. 17 1 sgt..... 22 mar. 18 2 lt. 4 inf. 15 aug. 19 accepted..... 25 aug. 19 | Pa. 15 oct. 87 |
| Cotton, Henry R., 30 aug. 19 | m. g. co. | ..... | pvt. co. G, 4 inf. 2 dec. 17 sgt..... 22 mar. 18 to m. g. co. 21 aug. 19 1 sgt..... 22 aug. 19 2 lt. 4 inf. 30 aug. 19 accepted..... 8 sep. 19 | N. Y. 15 oct. 87 |
| Uhl, Joseph E., 18 oct. 19 | C | 303 eng. and 78 div. engs.... 25 sep. 17 to 13 june 19 | pvt. co. C, 4 inf. 3 sep. 19 2 lt. 4 inf. 18 oct. 19 accepted..... 23 oct. 19 | N. Y. 10 apr. 95 |

FOURTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Concl'd</i> | | | | |
| Genung, George F., 3 dec. 19 | D | ..... | pvt. co. D, 4 inf. 30 oct. 17 sgt. 30 mar. 18 hon. dis. 30 oct. 19 re-enlisted and warrant con. 2 lt. 4 inf. 3 dec. 19 accepted. 8 dec. 19 | N. Y. 22 mar. 94 |
| Rahmlow, Harold H., 15 dec. 19 | K | mustered into u. s. ser. 21 July 16 out 5 oct. 16 into 13 apr. 17 sgt. co. K, 108 inf. hon. dis. ... 8 feb. 19 | pvt. co. K, 3 inf. 21 feb. 13 full and hon. dis. 21 feb. 16 re-enlisted. 21 feb. 16 corp. 29 June 16 sgt. 30 Jan. 17 2 lt. 4 inf. 15 dec. 19 accepted. 22 dec. 19 | N. Y. 16 feb. 95 |
| Greene, Harold, 15 dec. 19 D. S. M. | H | mustered into u. s. ser. 17 July 17 1 sgt. 13 Sep. 18 hon. dis. ... 2 apr. 19 | pvt. co. H, 1 inf. 13 apr. 05 full and hon. dis. 14 May 10 re-enlisted. 14 May 10 corp. 23 Sep. 10 sgt. 16 Apr. 12 full and hon. dis. 3 June 15 re-enlisted and warrant con. dft. 5 Aug. 17 2 lt. 4 inf. 15 Dec. 19 accepted. 23 Dec. 19 | N. Y. 22 Dec. 84 |
| Stiles, Louis B., 26 dec. 19 | F | pvt. batty. E, 2 f. a. 8 May 18 1 sgt. 4 Oct. 18 hon. dis. ... 18 Jan. 19 | pvt. co. F, 4 inf. 30 oct. 17 hon. dis. 8 May 18 pvt. co. F, 4 inf. — — 19 1 sgt. — — 19 2 lt. 4 inf. 26 Dec. 19 accepted. 30 Dec. 19 | N. Y. 28 Feb. 80 |

REPORT OF THE ADJUTANT-GENERAL

FIFTH BATTALION, N. Y. G.

(Third Brigade)

Headquarters, Saranac Lake

This battalion was created by G. O. 58, A. G. O., November 22, 1917, to consist of all infantry units existing or thereafter organized in the counties of Clinton, Franklin and St. Lawrence. By same order Companies D and K, 1st Infantry, New York Guard, were transferred to this battalion. These last two companies were depot companies. All others were formed from Home Defense Units.

COMPANY A

State Armory, 116 West Main Street, Malone

Organized as a Depot Unit July 8, 1916. Mustered into State service October 15, 1917, and into the New York Guard November 19, 1917. Attached to 5th Battalion G. O. 58, A. G. O., November 23, 1917.

COMPANY B

Saranac Lake

Organized May 20, 1917. Mustered in as a Home Defense Unit June 7, 1917. Mustered into New York Guard November 1, 1917.

COMPANY C

Tupper Lake

Organized May 11, 1917. Mustered in as a Home Defense Unit August 14, 1917. Mustered into the New York Guard November 19, 1917.

COMPANY D

State Armory, 33 Elizabeth Street, Ogdensburg

Organized as a Depot Unit July 20, 1917. Mustered into State service October 17, 1917. Attached to 5th Battalion G. O. 58, A. G. O., November 22, 1917. Mustered into New York Guard December 5, 1917.

COMPANY E

Chateaugay

Organized May 29, 1917, and mustered into State service as a Home Defense Unit October 29, 1917. Mustered into New York Guard November 20, 1917.

COMPANY F

Plattsburgh

Organized April 30, 1917, and mustered into State service as a Home Defense Unit October 29, 1917. Mustered into New York Guard December 4, 1917.

COMPANY G

Massena

Organized under authority granted October 5, 1917. Mustered into the New York Guard December 13, 1917.

COMPANY H

St. Regis Falls

Organized and mustered into State service as a Home Defense Unit August 13, 1917. Mustered into the New York Guard December 14, 1917.

Upon recommendation of the Commanding General, Division, N. Y. G., the following changes were made (August 1, 1919, G. O. 21): Company A, Malone, transferred to 3rd Infantry; Company B, Saranac, transferred to 2nd Infantry; Company C, Tupper Lake, transferred to 2nd Infantry; Company D, Ogdensburg, transferred to 3rd Infantry; Company E, Chateaugay, transferred to 3rd Infantry; Company F, Plattsburgh, transferred to 2nd Infantry; Company G, Massena, transferred to 3rd Infantry.

Mustered out: Company H, St. Regis Falls, November 12, 1918; Headquarters, Saranac, September 17, 1919.

SIXTH BATTALION, N. Y. G.

(Second Brigade)

Organized from Home Defense Units existing at East Hampton, Sag Harbor and Quogue, and attached to the 14th Infantry, N. Y. G. S. O. 58, A. G. O., November 22, 1917.

Company G, Islip, originally Company I, of 12th Infantry, New York Guard. Transferred to the 14th Infantry November 14, 1917. Designated Company M.

These companies were organized into a separate battalion, designated the 6th Battalion, Infantry, New York Guard, and a company recruited at Patchogue attached, by G. O. 64, A. G. O., December 22, 1917.

Mustered into the New York Guard as follows: Company G, Islip, October 30, 1917; Company H, Patchogue, December 5, 1917; Company I, East Hampton, November 15, 1917; Company K, East Hampton, November 15, 1917; Company L, Sag Harbor, November 22, 1917; Company M, Quogue, November 22, 1917; Company F, Greenport, March 21, 1918; Company E, Southampton, June 5, 1918.

Mustered out: Company E, Southampton, April 14, 1919; Company F, Greenport, April 8, 1919; Company G, Islip, April 11, 1919; Company H, Patchogue, April 11, 1919; Company I, East Hampton, April 7, 1919; Company K, East Hampton, April 7, 1919; Company L, Sag Harbor, April 9, 1919; Company M, Quogue, April 10, 1919.

SEVENTH INFANTRY, N. Y. G.

(First Brigade)

Headquarters, 643 Park Avenue, New York City

Organized as a Depot Battalion consisting of Companies A, B, C and D. Mustered into State service July 26, 1917. Designated 7th Infantry G. O. 37, A. G. O. August 3, 1917.

Reorganized as a regiment S. O. 236, A. G. O., September 18, 1917. Mustered into the New York Guard on dates as follows: Headquarters Company, Supply Company and Sanitary Detachment, November 16, 1917; Companies A, E and F, November 18, 1917; Companies C, K and L, November 14, 1917; Companies B, I and M, November 15, 1917; Companies H, D and G, November 12, 1917.

A Machine Gun Company was authorized S. O. 275, A. G. O., October 29, 1917, and mustered into the New York Guard December 7, 1917.

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonels</i> | | | | |
| Crall, Howard Elmer. 30 oct. 18 reserv. list. . . . 24 may 19 | | | pvt., corp., sgt. co. G, 7 inf. 9 jan. 91 to 23 feb. 99 1 lt. 23 feb. 99 resigned. 16 may 08 cap. 7 inf. 28 mar. 15 a. d. c. to gov. 26 july 15 actg. o. o. staff, c. g. 2 div. 25 july 16 r. l. 3 apr. 17 a. d. c. to gov. 6 apr. 17 lt. col. 7 inf. 11 oct. 17 col. 30 oct. 18 accepted. 4 nov. 18 N G. R. 13 may 19 | D C 18 aug. 67 |
| Hayes, Wade Hampton, 24 may 19 Graduate, 2 Course, Arme General Staff College, France, may, 1918. | | mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 25 july 17 maj. — aug. 18 lt. col. — sep. 18 hon. dis. . . . 2 feb. 19 | pvt., corp., sgt., 1 sgt., co. I, 7 inf. 19 jan. 05 to 10 june 12 1 lt. 7 inf. 10 june 12 cap. 28 sep. 14 accepted. 30 sep. 14 dft. 5 aug. 17 col. 7 inf. 24 may 19 accepted. 28 may 19 | Va. 12 may 79 |
| <i>Lieutenant Colonel</i> | | | | |
| Houston, Buchanan, 14 nov. 18 | | | pvt. co. I, 7 regt. 11 jan. 93 corp. 18 mar. 97 sgt. 14 june 00 1 sgt. 19 dec. 01 2 lt. 31 mar. 02 1 lt. 20 jan. 03 cap. 7 inf. 1 oct. 08 with rank from. 17 sep. 08 resigned. 11 mar. 12 cap. r. l. 7 june 17 maj. 11 oct. 17 lt. col. 14 nov. 18 accepted. 15 nov. 18 | N. Y. 22 apr. 75 |
| <i>Majors</i> | | | | |
| Stewart, James Ruther- ford, 11 oct. 17 f. and h. dis. . . . 8 oct. 19 | | | pvt. co. B, 7 regt. 29 sep. 84 corp. 23 apr. 95 1 sgt. 22 sep. 98 2 lt. co. B, 7 regt. 29 dec. 03 1 lt. 28 nov. 05 bvt. cap. 4 nov. 09 cap. 28 jan. 10 with rank from. 15 jan. 10 full and hon. dis. 10 oct. 12 cap. depot bat. 7 inf. 26 june 16 maj. 7 inf. 11 oct. 17 accepted. 19 oct. 17 | N. Y. 6 sep. 64 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors — Continued</i> | | | | |
| Fitch, Edward Arthur, 6 apr. 18 | | mustered into u. s. ser. 26 june 18 resigned 10 nov. 18 | pvt., corp., agt., 1 sgt., co. C, 7 inf. 17 oct. 00 to 28 sep. 14 1 lt. 28 sep. 14 resigned 10 nov. 16 cap. 11 oct. 17 maj. 6 apr. 18 accepted 11 apr. 18 N. G. R. 12 may 19 | N. Y. 20 aug. 80 |
| Stratton, Gerald, 25 nov. 18 | | mustered into u. s. ser. 26 june 18 out 2 dec. 18 | pvt., corp., agt., 1 sgt., co. G, 7 inf. 8 feb. 95 to 9 nov. 08 2 lt. 7 inf. 9 nov. 08 1 lt. 14 sep. 14 1 lt. r. l. 6 june 16 hon. dis. 3 feb. 17 cap. d. b., 7 inf. 27 june 17 r. l. 5 july 17 cap. 7 inf. 18 oct. 17 maj. 25 nov. 18 accepted 3 dec. 18 | Can. 1 dec. 76 |
| <i>Captains</i> | | | | |
| Richardson, Samuel Martin 18 aug. 17 | M | | pvt. co. H, 7 inf. 10 feb. 96 corp. 22 sep. 98 agt. 6 june 01 1 sgt. 18 dec. 05 1 lt. 7 inf. 8 july 09 with rank from. 22 june 09 full and hon. dis. 30 nov. 14 1 lt. d. b., 7 inf. 26 june 16 cap. 18 aug. 17 accepted 21 aug. 17 | N. Y. 11 dec. 70 |
| Wiswall, Thomas Chatter- ton 11 oct. 17 | F | | pvt. co. F, 7 inf. 10 oct. 89 corp. 12 jan. 92 agt. 5 jan. 93 1 sgt. 10 oct. 98 2 lt. 2 mar. 99 1 lt. 21 apr. 00 full and hon. dis. 26 june 05 cap. 7 inf. 11 oct. 17 accepted 13 oct. 17 | N. Y. 27 oct. 69 |
| Pollock, Robert Sloane, 11 oct. 17 f. and h. dis. ... 24 july 19 | E | | enlisted 1 bat. n. m. 20 dec. 97 hon. dis. gun cap. 1 cl. 15 jan. 03 pvt. 7 inf. 10 oct. 06 full and hon. dis. as sgt. 28 oct. 13 pvt. depot bat. 7 inf. 26 june 16 Catskill aqueduct duty 9 aug. 17 to 23 aug. 17 cap. 7 inf. 11 oct. 17 accepted 13 oct. 17 | N. Y. 13 oct. 67 |
| Wall, William Francisco, 11 oct. 17 f. and h. dis. ... 10 jan. 19 | adjt. | | pvt. co. I, 7 regt. 24 may 89 dropped 28 may 92 taken up 5 july 92 corp. 6 july 93 sgt. 16 dec. 97 out. sgt. major 20 oct. 99 1 lt. bat. adjt. 15 july 02 full and hon. dis. 16 june 10 1 lt., adj. depot bat. 7 inf. 22 june 16 cap. 7 inf. 11 oct. 17 accepted 15 oct. 17 | N. Y. 10 nov. 67 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|----------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Froment, Eugene McKibbin, 11 oct. 17 | sup. off. | ..... | pvt. co. B, 7 inf. 7 jan. 97 corp. 6 june 01 dropped. 25 may 04 taken up. 30 may 04 corp. 30 may 04 sgt. 25 jan. 06 qm. sgt. 4 jan. 07 1 sgt. 30 oct. 08 2 lt. 7 inf. 20 apr. 10 with rank from. 5 apr. 10 1 lt. ord. dept. 7 may 12 r. l. 1 may 14 detailed as aide on staff of c. g. 2 div. 23 sep. 16 cap. 7 inf. 11 oct. 17 accepted. 16 oct. 17 N. G. R. 22 apr. 19 | N. Y. 4 feb. 78 |
| Oliver, Leslie Allen, 11 oct. 17 f. and h. dis. . . 8 oct. 19 | K | mustered into u. s. ser., sgt. co. K, 7 inf., N. G. U. S., 26 june 16 hon. dis., dependent relative..16 sep. 16 | pvt. co. C, 7 inf. 4 dec. 08 tra. co. K. 7 jan. 09 corp. 5 june 11 sgt. 20 nov. 13 full and hon. dis. 4 dec. 14 re-enlisted. 5 dec. 14 full and hon. dis. 21 dec. 15 re-enlisted. 22 dec. 16 cap. 11 oct. 17 accepted. 18 oct. 17 | Md. 18 mar. 77 |
| Clark, Francis Dayton, 11 oct. 17 f. and h. dis. . . 23 may 19 | B | pvt. co. A, 2 rgt., N. Y. Vols.. 2 may 98 to 25 nov. 98 mustered into u. s. ser. 26 june 16 out 2 dec. 16 | pvt. 6 sep. co. 19 apr. 98 to 17 may 98 pvt., corp., 6 sep. co., tra. co. B, 7 rgt., corp., sgt., 1 sgt. 25 oct. 98 to 10 june 12 2 lt. 7 inf. 10 june 12 1 lt. 24 dec. 12 resigned. 24 jan. 17 1 lt. 7 aug. 17 cap. 11 oct. 17 accepted. 19 oct. 17 | N. J. 25 jan. 78 |
| Dunn, Robert M., 26 oct. 17 | i. s. a. p. | ..... | pvt. co. G, 7 inf. 22 oct. 83 corp. 10 june 87 sgt. 16 sep. 87 1 sgt. 16 june 93 1 lt. 7 inf. 12 july 93 full and hon. dis. 21 oct. 96 pvt. co. A, d. b. 7 inf. 23 june 16 hon. dis. 17 july 16 2 lt. d. b. 7 inf. 18 july 16 1 lt. 7 inf. 18 aug. 17 cap. 26 oct. 17 accepted. 2 nov. 17 | ..... |
| Crawford, Merritt, 23 nov. 17 | m. g. co. | pvt. co. G, 201 inf., N. Y. vols., 12 july 98 mustered out as sgt. with co. G, 201 rgt., N. Y. Vols., Greenville, S. C., 3 apr. 99 | pvt. co. B, 7 inf. 9 june 98 dropped. 4 aug. 98 taken up. 18 may 99 dropped. 29 sep. 99 taken up. 9 nov. 99 dropped. 3 oct. 01 taken up. 26 jan. 06 dropped. 26 oct. 06 enlisted d. b. 7 rgt. 26 july 16 corp. co. B, 7 inf. 15 nov. 17 cap. 23 nov. 17 accepted. 27 nov. 17 | N. Y. |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Smith, Jesse A. B., 11 dec. 17 f. and h. dis. . . 28 mar. 19 | A | ..... | pvt. co. A, 7 inf. . . . 16 sep. 02 corp. 1 apr. 04 sgt. 14 feb. 08 full and hon. dis. . . 12 apr. 10 1 lt. 7 inf. 18 aug. 17 cap. 11 dec. 17 accepted 21 dec. 17 | N. Y. 23 oct. 80 |
| McComas, Joseph P., 12 jan. 18 | chap. | ..... | cap. 7 inf. 12 Jan. 18 accepted 15 Jan. 18 | Md. 19 sep. 70 |
| Hawkins, George Fred- erick, 18 July 18 f. and h. dis. . . 13 aug. 19 | I | volunteer aide Major General Shafter, 1898 | pvt. co. I, 7 regt. . . . 4 may 98 corp. 20 dec. 00 sgt. 27 mar. 03 dis. 5 oct. 04 1 lt. 7 inf. 23 nov. 17 cap. 18 July 18 accepted 25 July 18 | Pa. 29 June 74 |
| Clarke, Paul Josiah, 26 sep. 18 | L | ..... | pvt. co. B, 2 inf. . . . 1 mar. 04 corp. 20 dec. 07 sgt. 31 may 11 full and hon. dis. . . 14 apr. 14 1 lt. 7 inf. 23 nov. 17 cap. 26 sep. 18 accepted 27 sep. 18 | Ga. 30 June 82 |
| Daniell, Griswold B., 5 nov. 18 | K | mustered into u. s. a. ser. 26 June 16 out 2 Dec. 16 into 15 July 17 1 lt. inf. 25 Jan. 18 cap. 5 nov. 18 hon. dis. 2 apr. 19 | pvt. co. K, 7 inf. . . . 15 May 06 corp. 27 May 09 sgt. 13 June 11 full and hon. dis. . . 3 Dec. 14 re-enlisted and warrant con. 1 sgt. 20 Nov. 16 2 lt. 7 inf. 11 May 17 accepted 16 May 17 dft. 5 Aug. 17 cap. 7 inf. 24 Sep. 19 accepted 25 Sep. 19 | N. Y. 4 July 86 |
| Ennis, Louis Van Roden, 4 Dec. 18 f. and h. dis. . . 9 June 19 | H | ..... | pvt. co. H, 7 regt. . . . 20 Aug. 92 corp. 28 Sep. 96 dis. 29 Apr. 99 re-enlisted co. A, d. b. 26 June 16 1 sgt. 5 Aug. 16 2 lt. 7 inf. 18 Aug. 17 1 lt. 23 Nov. 17 cap. 4 Dec. 18 accepted 9 Dec. 18 | N. J. 27 Jan. 66 |
| Kenney, Edgar, 10 Dec. 18 f. and h. dis. . . 13 Dec. 19 | D | mustered into u. s. a. ser. 26 June 16 out 6 Oct. 16 | pvt. co. D 19 Nov. 06 corp. 24 Feb. 12 sgt. 26 June 16 hon. dis. 6 Oct. 16 1 lt. 2 Aug. 18 cap. 10 Dec. 18 accepted 13 Dec. 18 | N. Y. 16 Jan. 84 |
| French, Hamlin Quigley, Jr., 13 Dec. 18 | G | ..... | pvt. co. G, 7 inf. . . . 27 Feb. 99 full and hon. dis. . . 1 Mar. 15 re-enlisted in same. . . 2 Mar. 15 dropped 26 June 16 enlisted d. b., 7 inf. . . 27 June 16 re-enlisted co. C, d. b., 7 inf. 30 June 17 1 lt. 23 Nov. 17 cap. 13 Dec. 18 accepted 16 Dec. 18 | N. Y. 26 Aug. 79 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Robinson, Edwin Collins, 28 dec. 18 f. and h. dis. . . 28 mar. 19 | C | ..... | pvt. co. C, 7 regt. . . . 5 nov. 90 corp. 11 jan. 93 sgt. 20 nov. 95 1 agt. 6 dec. 99 hon. dis. 14 nov. 00 re-enlisted 12 mar. 02 dropped. 15 jan. 04 taken up 13 may 04 dropped. 4 may 07 taken up 3 jan. 08 dropped. 1 may 08 2 lt. 7 inf. 23 nov. 17 cap. 28 dec. 18 accepted. 31 dec. 18 | N. Y. 14 dec. 66 |
| Taylor, Hiram W., 14 jan. 19 | B | mustered into u. s. ser. 26 june 16 out 2 dec. 18 into 15 july 17 1 lt. 107 inf., 15 jan. 18 cap. 14 jan. 19 hon. dis. . . . 2 apr. 19 | pvt. co. C, 7 inf. . . . 1 apr. 05 corp. 29 nov. 12 color sgt. 14 feb. 13 full and hon. dis. . . 16 apr. 15 re-enlisted. 17 apr. 15 sgt. 23 june 16 bat. sgt. maj. 25 sep. 16 2 lt. 4 may 17 accepted 4 may 17 dft. 5 aug. 17 cap. 7 inf. 26 dec. 19 accepted 30 dec. 19 | Eng. 28 july 74 |
| Toussaint, Charles Otto, 20 jan. 19 | adj. | ..... | pvt. co. K, 7 regt. . . . 17 dec. 84 corp. 22 dec. 86 sgt. 10 june 91 sgt. maj. 7 regt. . . . 26 apr. 95 1 lt. bat. adj. 15 sep. 98 full and hon. dis. . . 13 jan. 08 r. 1 lt. 1 mar. 16 1 lt. 7 inf. 18 oct. 17 cap. 20 jan. 19 accepted 30 jan. 19 | N. Y. 10 mar. 62 |
| Wheeler, Frost mountaine, 2 may 19 | A | ..... | pvt. co. H, 7 inf. . . . 18 oct. 01 corp. 21 dec. 05 full and hon. dis. . . 19 oct. 11 enl. co. C, depot bat. 7 inf. 23 june 16 1 agt. 12 oct. 16 pvt. co. B, 7 inf., 1 agt. 15 nov. 17 2 lt. 7 inf. 23 nov. 17 full and hon. dis. . . 12 nov. 18 1 lt. 28 dec. 18 cap. 2 may 19 accepted 21 may 19 | Minn. 25 mar. 78 |
| Godfrey, Joseph C., Jr., 18 june 19 | C | mustered into u. s. ser. 26 june 16 out 2 dec. 18 | pvt. co. C, 7 inf. . . . 26 feb. 13 corp. 21 june 15 hon. dis. 25 sep. 16 pvt. co. C, 7 inf. . . . 14 nov. 17 1 agt. 10 june 18 2 lt. 7 inf. 11 june 18 1 lt. 20 jan. 19 cap. 18 june 19 accepted 24 june 19 | Ill. 15 8 dec. 90 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued).

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Buell, Ralph P., 2 July 19 | I | co. F, 1 D. C. vol., 10 May 98 to 10 Nov. 98 mustered into u. s. s. ser. 25 June 17 2 lt. inf. 5 Dec. 17 1 lt. 9 July 18 hon. dis. 6 June 19 | pvt. co. I, 7 inf. 4 Oct. 04 full and hon. dis. 4 Oct. 11 re-enlisted, co. L. 4 Oct. 11 full and hon. dis. 28 Feb. 12 re-enlisted. 28 Feb. 12 full and hon. dis. 29 June 15 re-enlisted. 29 June 15 dft. 5 Aug. 17 cap. 7 inf. 2 July 19 accepted. 3 July 19 | D. C. 21 Dec. 78 |
| Beaver, John Andrew, 19 Aug. 19 | E | cap. m. t. c., 20 Sep. 18 hon. dis. 9 Jan. 19 | pvt. co. K, 7 inf. 6 Mar. 07 corp. 5 Jan. 10 hon. dis. 29 May 12 re-enlisted, d. b. co. B, 7 inf. 26 July 16 1 Sgt. 16 Sep. 17 tra. to 7 inf. 14 Nov. 17 1 lt. 7 inf. 23 Nov. 17 accepted. 28 Nov. 17 full and hon. dis. 26 Sep. 18 1 lt. 7 inf. 11 Feb. 19 cap. 19 Aug. 19 accepted. 16 Sep. 19 | Va. 1 Apr. 84 |
| <i>First Lieutenants</i> | | | | |
| Alleyn, Charles Gordon, 23 Nov. 17 | B | mustered into u. s. s. ser. 26 June 16 out 2 Dec. 16 | pvt. co. E, 7 inf., tra. co. B, corp., Sgt., 1 Sgt. 5 Feb. 89 to 9 June 14 2 lt. 9 June 14 resigned. 25 Apr. 17 r. l. 23 June 17 1 lt. 23 Nov. 17 accepted. 27 Nov. 17 | N. Y. 23 July 62 |
| Mack, Samuel Joseph, 23 Nov. 17 | F | mustered into u. s. s. ser. 26 June 16 resigned. 15 Sep. 16 | pvt. corp., Sgt., 1 Sgt. co. F, 7 inf. 5 May 92 to 16 June 11 2 lt. 7 inf. 16 June 11 1 lt. 13 Mar. 15 resigned. 15 Sep. 16 1 lt. 7 inf. 23 Nov. 17 accepted. 30 Nov. 17 | N. Y. 16 May 67 |
| Martin, Harry Wallace, 23 Nov. 17 f. and h. dis. 27 Feb. 19 | M | ..... | pvt. co. H, 7 inf. 21 June 90 corp. 15 May 95 Sgt. — Nov. 95 dis. 2 Jan. 98 2 lt. 7 inf. 18 Aug. 17 1 lt. 23 Nov. 17 accepted. 30 Nov. 17 | N. Y. |
| May, Leslie W., 23 Nov. 17 f. and h. dis. 28 Mar. 19 | ..... | ..... | pvt. co. E, 7 inf. 18 Jan. 01 lance corp. 18 Dec. 03 corp. 22 Dec. 04 Sgt. 19 Apr. 06 full and hon. dis. 16 Apr. 07 enlisted, depot bat. 23 June 16 dis. 13 Nov. 17 re-enlisted co. E. 13 Nov. 17 1 lt. 23 Nov. 17 accepted. 30 Nov. 17 | N. Y. 28 Apr. 80 |
| James, Arthur Edwin, 11 Dec. 17 reserve list. 13 May 19 | m. g co. | ..... | pvt. co. C, d. b., 7 regt. 29 June 17 co. B, 7 inf. 15 Nov. 17 1 lt. 7 inf. 11 Dec. 17 accepted. 18 Dec. 17 | Pa. 25 Sep. 77 |

SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|-------------------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Wenneis, Frank, 28 feb. 18 | asst. i. s. a. p. | ..... | pvt. co. E, 7 inf. 15 oct. 10 gt. 4 nov. 12 ord. sgt. 26 june 14 dis. 15 oct. 16 pvt. co. A, depot bat. 15 june 17 dis. 12 nov. 17 pvt. co. E. 13 nov. 17 1 lt. 7 inf. 28 feb. 18 accepted. 2 mar. 18 | N. Y. 10 apr. 81 |
| Dederer, Harry L., 28 may 18 | bat. adj. | ..... | pvt. co. F. 1 apr. 93 lance corp. 14 june 99 corp. 14 june 00 sgt. 21 mar. 01 1 sgt. 13 june 11 full and hon. dis. 18 sep. 13 pvt. co. F. 13 nov. 17 bat. sgt. maj. 27 dec. 17 1 lt. 7 inf. 28 may 18 accepted. 4 june 18 | N. Y. 26 feb. 72 |
| Mygrant, William S., 15 july 18 reserve list. 13 may 19 | band leader | mustered into u. s. ser. 28 june 16 out 15 nov. 16 | band leader, 13 regt. 30 mar. 97 hon. dis. 16 may 98 re-enlisted. 9 jan. 99 hon. dis. 26 nov. 00 re-enlisted. 28 may 01 full and hon. dis. 26 sep. 99 re-enlisted, chief mus. 1 f. a. 2 mar. 15 dis. 23 may 17 pvt. 1 lt. 15 july 18 accepted. 19 july 18 | Ind. 12 sep. 62 |
| Hahn, John Frederic, 14 aug. 18 | I | cap. co. 4. marine div. home def. league, N. Y. City, 1 june 17 to 1 dec. 17 | pvt. co. I, 7 regt. 20 may 99 to 20 oct. 03 pvt. depot bat. co. D. 30 june 16 to 16 aug. 17 2 lt. 7 inf. 11 dec. 17 1 lt. 14 aug. 18 accepted. 20 aug. 18 | N. Y. 03 19 dec. 72 |
| Floyd, Charles H., 14 sep. 18 | bat. adj. | mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 25 july 17 2 lt. 107 inf., 8 mar. 18 1 lt. 14 sep. 18 hon. dis. ... 2 apr. 19 | pvt. co. I, 7 inf. 13 oct. 13 corp. 25 june 16 sgt. 23 mar. 17 1 sgt. 4 may 17 dft. 5 aug. 17 1 lt. 7 inf. 21 oct. 19 accepted. 24 oct. 19 | Mass. 28 sep. 78 |
| Woodward, Van Lear, 19 oct. 18 | ..... | ..... | pvt. co. K, 7 regt. 11 sep. 08 f. and h. dis. 17 feb. 14 pvt. D. B. 30 aug. 17 must. out. 14 nov. 17 pvt. co. K. 30 nov. 17 1 sgt. 4 jan. 18 1 lt. 7 inf. 19 oct. 18 accepted. 6 nov. 18 | Mass. 24 july 90 |
| Pryer, Harold Charda- voyne, 12 nov. 18 f. and h. dis. 16 apr. 19 | L | ..... | pvt. co. A, 7 regt. 29 sep. 03 trs to co. L. 13 apr. 10 corp. 8 june 15 dis. 14 apr. 16 2 lt. 7 inf. 23 nov. 17 1 lt. 12 nov. 18 accepted. 14 nov. 18 | N. Y. 27 july 83 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Continued</i> | | | | |
| Relyea, William Carpenter, 18 dec. 18 | H | ..... | pvt. co. H, 7 regt. 13 jan. 96 corp. 8 nov. 00 sgt. 7 jan. 04 full and hon. dis. 4 oct. 07 enl. co. A, depot bat. 7 inf. 24 june 16 sgt. 5 aug. 16 1 sgt. 13 sep. 17 hon. dis. 11 nov. 17 re-enlisted, co. H, 7 inf. 11 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 18 dec. 18 accepted. 19 dec. 18 | N. Y. 21 nov. 72 |
| Moore, George Cleston, Jr., 28 dec. 18 | G | ..... | pvt. 7 inf. 14 jan. 10 hon. dis. 13 jan. 15 re-enlisted. 14 jan. 16 furloughed to N. G. R. 27 feb. 17 dis. 16 may 17 enlisted 7 inf. 12 nov. 17 hon. dis. 22 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 28 dec. 18 accepted. 3 jan. 19 | Conn. aug. 85 |
| Byrd, Howard G., 8 jan. 19 | ..... | pvt. batty. A. N. C. N. G., sep., 1906. sgt., mar., 1907. dropped, oct., 1907. mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 15 July 17 dis. — sep. 17 | pvt. co. D. 31 oct. 10 full and hon. dis. 16 nov. 14 re-enlisted. 16 nov. 14 lance corp. 23 dec. 14 corp. 26 june 16 pvt. co. D. 12 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 3 July 18 1 lt. 8 jan. 19 accepted. 10 jan. 19 | Md. 16 sep. 85 |
| Van Note Stanley C., 13 mar. 19 | M | ..... | pvt. co. G, 7 regt. 12 sep. 90 dropped. 1 feb. 98 taken up. 12 mar. 03 corp. 3 june 07 sgt. 8 dec. 11 bat. sgt. maj. 14 feb. 13 tra. depot bat. 26 june 16 sup. sgt. co. B, 7 inf. 9 aug. 17 sup. sgt. co. G. 23 oct. 17 sup. sgt. co. M, 7 inf. 12 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 13 mar. 19 accepted. 17 mar. 19 | N. Y. 19 nov. 71 |
| Matt, Lawrence M., 28 may 19 | band leader | mustered into u. s. ser. 25 July 17 hon. dis. 2 apr. 19 | band master 65 inf. 10 mar. 90 hon. dis. 18 dec. 93 chief musc. 22 eng. 4 dec. 09 full and hon. dis. 10 mar. 15 band leader, 7 inf. 5 July 17 dft. 5 aug. 17 1 lt. 7 inf. 28 may 19 accepted. 31 may 19 | Mass. 12 June 65 |
| Zink, Anthony De H., 24 July 19 | E | mustered into u. s. ser. 26 June 16 out 2 dec. 16 into 25 July 17 hon. dis from 107 inf. 17 July 18 2 lt. f. s., co. C, trench mor. bat. 17 July 18 hon. dis. — — — | pvt. co. E, 7 inf. 13 oct. 08 to hq. det. 22 nov. 12 to co. E. 1 oct. 14 full and hon. dis. 17 nov. 14 re-enlisted. 18 nov. 14 corp. 22 June 16 sgt. 1 oct. 16 dft. 5 aug. 17 1 lt. 7 inf. 24 July 19 accepted. 26 July 19 | N. Y. 29 oct. 84 |

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Concluded</i> | | | | |
| McGlone, Carl T., 24 July 19 | bat. adj. | mustered into u. s. ser. 16 July 17 corp. 5 Apr. 18 hon. dis. . . . 2 Apr. 19 | pvt. hdq. co. 7 inf. . . . 10 May 17 dft. 5 Aug. 17 1 lt. 7 inf. 24 July 19 accepted 4 Aug. 19 | N. Y. 18 Oct. 96 |
| <i>Second Lieutenants</i> | | | | |
| Jaques, Washington Lee, 1 Nov. 17 | sup. co. | | pvt. co. H, 7 inf. 5 Feb. 94 trs. co. G, 7 inf. 12 May 99 regt. comy. agt. 3 June 04 trs. to depot bat. 26 June 16 2 lt. 7 inf. 1 Nov. 17 accepted 5 Nov. 17 | N. Y. 11 Nov. 74 |
| evens, James Forsyth, 23 Nov. 17 f. and h. dis. . . 13 May 19 | E | | pvt. 7 inf. 15 Jan. 04 corp. 29 Mar. 07 full and hon. dis. . . . 10 Feb. 14 pvt. depot bat. 7 inf. . . 26 June 16 discharged 29 Oct. 17 2 lt. 7 inf. 23 Nov. 17 accepted 30 Nov. 17 | N. Y. 15 May 79 |
| Brown, Philip P., 17 Dec. 17 hon. dis. 21 Oct. 19 | m. g. co. | | pvt. m. g. co. 7 inf. . . . 7 Dec. 17 2 lt. 17 Dec. 17 accepted 21 Dec. 17 | Cal. 6 Sep. 90 |
| Fisher, Robert C., 3 Jan. 18 | F | | co. F, 7 regt. 24 Nov. 90 corp. 6 Oct. 92 agt. 2 June 93 dis. 23 Apr. 00 2 lt. 23 Apr. 00 resigned. 18 Feb. 01 2 lt. 3 Jan. 18 accepted 8 Jan. 18 | N. Y. 10 May 66 |
| Carleton, Guy O., 5 Sep. 18 f. and h. dis. . . 12 Sep. 19 | I | | pvt. co. I 11 Jan. 06 corp. 18 Mar. 11 agt. 21 Dec. 15 full and hon. dis. . . . 1 Feb. 17 2 lt. 5 Sep. 18 accepted 17 Sep. 18 | N. Y. 26 Sep. 81 |
| Wood, Jefferson K., 1 Nov. 18 | C | mustered into u. s. ser. 26 June 16 out 2 Dec. 16 into 25 July 17 1 agt. 107 inf. 3 Feb. 18 2 lt. inf. 1 Nov. 18 to 353 inf. 12 Feb. 19 hon. dis. 27 May 19 | pvt. co. G, 7 inf. 30 Nov. 14 pvt. 1 cl. 1 June 16 corp. 13 Sep. 16 hon. dis. 15 Feb. 17 re-enlisted 13 July 17 dft. 5 Aug. 17 2 lt. 7 inf. 7 Aug. 19 accepted 13 Aug. 19 | Cal. 5 Sep. 94 |
| Livingston, Robert F., 6 Nov. 18 | K | mustered into u. s. ser. 26 June 16 out 2 Dec. 16 | pvt. co. K, 7 inf. 28 Nov. 13 to N. G. R. 11 Apr. 17 hon. dis. 19 May 17 pvt. co. K, 7 inf. 14 Nov. 17 sup. agt. 8 Feb. 18 2 lt 7 inf. 6 Nov. 18 accepted 8 Nov. 18 | Pa. 16 Jan. 86 |
| Meador, John E. D., 12 Nov. 18 hon. dis. 12 Sep. 19 | m. g. co. | | 2 lt. 7 inf. 12 Nov. 18 accepted 15 Nov. 18 | Mo. 2 Apr. 86 |

SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- tinued</i> | | | | |
| Nixon, Howard C., 27 nov. 18 f. and h. dis. . . 16 apr. 19 | L | ..... | pvt. co. B. 20 mar. 06 lance corp. 5 nov. 08 corp. 17 dec. 09 full and hon. dis. . . 26 apr. 12 re-enlisted. 24 oct. 12 corp. 14 nov. 12 sgt. 14 feb. 13 full and hon. dis. . . 3 dec. 14 re-enlisted. 4 dec. 15 bat. sgt. maj. 16 feb. 15 trans. co. C, D. B. . . 26 june 16 full and hon. dis. . . 20 oct. 16 pvt. co. L. 22 oct. 18 sgt. 15 nov. 18 2 lt. 7 inf. 27 nov. 18 accepted. 3 dec. 18 | N. Y. 3 june 86 |
| Momberger, William J., 3 dec. 18 | A | ..... | pvt. co. A. 26 jan. 06 full and hon. dis. . . 9 nov. 15 pvt. co. D, depot bat. . 28 june 16 full and hon. dis. . . 16 aug. 17 pvt. co. A, 7 inf. . . . 11 nov. 17 1 sgt. 2 lt. 7 inf. 3 dec. 18 accepted. 7 dec. 18 | N. J. 21 jan. 79 |
| Kent, Charles B., 10 dec. 18 | B | ..... | pvt. co. B. 4 oct. 06 dropped. 18 may 07 taken up. 29 may 07 corp. 17 dec. 09 full and hon. dis. . . 20 oct. 11 re-enlisted, co. B. . . 12 sep. 13 dropped. 24 aug. 14 taken up. 4 mar. 15 corp. 12 july 15 full and hon. dis. . . 24 mar. 16 re-enlisted, co. C, depot bat. 26 june 16 corp. 9 aug. 17 hon. dis. 14 nov. 17 re-enlisted, co. B. . . 15 nov. 17 sgt. 18 jan. 18 re-enlisted. 26 july 18 1 sgt. 15 nov. 18 2 lt. 7 inf. 10 dec. 18 accepted. 13 dec. 18 | N. Y. 25 nov. 85 |
| Wilson, Edward A., 28 dec. 18 | H | ..... | pvt. co. A. 16 oct. 96 lance corp. 11 oct. 98 corp. 21 dec. 00 full and hon. dis. . . 21 nov. 01 pvt. depot bat. . . . 26 july 16 corp. 26 july 16 sgt. 13 sep. 17 trans. to co. H. . . . 19 nov. 17 2 lt. 7 inf. 28 dec. 18 accepted. 31 dec. 18 | N. Y. 15 june 74 |
| Fischer, Rudolph H., 24 jan. 19 | D | ..... | pvt. co. D, 7 inf. . . . 18 sep. 07 full and hon. dis. . . 16 nov. 14 re-enlisted. 17 nov. 14 full and hon. dis. . . 17 sep. 16 pvt. co. D, 7 inf. . . . 12 nov. 17 1 sgt. 2 lt. 7 inf. 24 jan. 19 accepted. 27 jan. 19 | N. Y. 13 july 78 |
| Evans, Alfred M., 3 feb. 19 | G | ..... | 2 lt. 7 inf. 3 feb. 19 accepted. 28 feb. 19 | N. Y. 3 july 89 |

SEVENTH INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank, and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Concluded</i> | | | | |
| Ingalls, Frederick W., 15 may 19 | M | ..... | pvt. co. K, 7 inf. 26 feb. 12 to co. A, depot bat. 7 inf. 26 june 16 hon. dis. 14 nov. 17 pvt. co. M, 7 inf. 15 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 15 may 19 accepted. 17 may 19 | N. J. 20 mar. 90 |
| Lamb, William C., 18 june 19 | L | ..... | pvt. co. L, 7 inf. 30 mar. 12 full and hon. dis. 30 mar. 15 pvt. co. L. 14 nov. 17 corp. 26 apr. 18 sgt. 29 nov. 18 2 lt. 7 inf. 18 june 19 accepted. 18 june 19 | N. Y. 6 nov. 88 |
| Bryan, William C., 18 june 19 | E | mustered into u. s. ser. 26 june 16 out 2 dec. 16 | pvt. co. E, 7 inf. 20 feb. 12 full and hon. dis. 28 feb. 15 re-enlisted. 5 mar. 15 corp. 25 june 16 sgt. 25 sep. 16 hon. dis. 15 may 17 pvt. co. E, 7 inf. 13 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 18 june 19 accepted. 20 june 19 | N. Y. 8 july 88 |
| Nehemias, Bernard E., 4 sep. 19 | C | mustered into u. s. ser. 5 july 16 out 2 dec. 16 into 25 july 17 sgt. 107 inf. 5 may 18 hon. dis. ... 6 apr. 19 | pvt. co. C, 7 inf. 5 july 16 corp. 11 july 17 dft. 5 aug. 17 pvt. co. C, 7 inf. 18 may 19 2 lt. 7 inf. 4 sep. 19 accepted. 5 sep. 19 | N. Y. 28 sep. 96 |
| Clayton, Washington I., 26 dec. 19 | I | mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 15 july 17 sgt. 107 inf. 23 aug. 17 inf. school, France, 17 oct. 18 hon. dis. ... 2 apr. 19 | pvt. co. I, 7 inf. 8 june 16 corp. 18 may 17 dft. 5 aug. 17 pvt. co. I, 7 inf. 11 dec. 19 2 lt. 7 inf. 26 dec. 19 accepted. 9 jan. 20 | N. J. 13 jan. 96 |

TENTH INFANTRY, N. Y. G.

(Third Brigade)

Headquarters, Armory, 195 Washington Avenue, Albany

Company F, Poughkeepsie, mustered in as a unit of 10th Infantry October 31, 1917. Transferred to 1st Infantry November 22, 1917, G. O. 58, A. G. O.

Companies A, B, C and D, Albany; Company E, Catskill; F, Hudson; G, Yonkers; H, Mt. Vernon; I, Flushing; K, Poughkeepsie; L, White Plains; M, Kingston, and Machine Gun Company, Hempstead, L. I., were organized as Depot Units in July, 1917, and by G. O. 87, A. G. O., August 3, 1917, became units of the 10th Infantry, N. Y. G.

Companies G, H and L were transferred to the 8th C. A. C., Companies I and Machine Gun Company to the 47th Infantry, S. O. 245, A. G. O., September 26, 1917.

By G. O. 58, A. G. O., November 22, 1917, Companies K, F and M were transferred to the 1st Infantry, and Companies A, B, F, G and M of the 1st Infantry were attached to this regiment, and by same order all infantry units located in the counties of Columbia, Greene, Albany, Schoharie, Delaware, Otsego, Herkimer, Oneida and Madison were attached.

SUPPLY COMPANY*Headquarters, Oneida — One Platoon at Madison*

Organized as Home Defense Units, April, 1917. Mustered into the New York Guard, Oneida Platoon, December 27, 1917; Madison Platoon, November 8, 1917.

MACHINE GUN COMPANY*Headquarters, Rome*

Organized as a Home Defense Unit April, 1917. Mustered into the New York Guard November 30, 1917.

COMPANY A*195 Washington Avenue, Albany*

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard November 5, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY B*195 Washington Avenue, Albany*

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard October 23, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY C*195 Washington Avenue, Albany*

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard December 3, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY D*195 Washington Avenue, Albany*

Organized as a Depot Unit July, 1916. Mustered into the New York Guard December 27, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY E*78 Water Street, Catskill*

Organized as a Depot Unit July, 1917. Mustered into New York Guard November 9, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY F*Fifth and State Streets, Hudson*

Organized as a Depot Unit July, 1916. Mustered into State service July 26, 1917. Mustered into New York Guard November 7, 1917.

Performed active duty with the 1st Provisional Regiment on New York Aqueduct.

COMPANY G

4 Academy Street, Oneonta — Platoon at Cooperstown

Organized as a Depot Unit July, 1916. Mustered into State service August 12, 1917. Mustered into the New York Guard, as Company G, 1st Infantry, November 18, 1917. Transferred to 10th Infantry as Company G, G. O. 58, A. G. O., December 1, 1917, G. O. 2, 3B. Cooperstown Platoon mustered into the New York Guard April 12, 1918.

Performed duty with 1st Provisional Regiment, guarding the New York Aqueduct.

COMPANY H

Headquarters, Cobleskill — Platoon at Middleburgh

Organized as Home Defense Units June, 1917. Mustered into the New York Guard as follows: Cobleskill platoon October 30, 1917; Middleburgh Platoon November 5, 1917.

Performed active duty with 1st Provisional Regiment guarding the New York Aqueduct.

COMPANY I

Headquarters, 139-141 Stockton Avenue, Walton — Platoon at Sidney

Walton platoon organized as a Depot Unit of Company F, 1st Infantry N. G., N. Y., July, 1916. Transferred to the 10th Infantry, G. O. 58, A. G. O., November 22, 1917. Designated Company I, S. O. 8, 10th Infantry. Mustered into the New York Guard December 7, 1917.

Sidney platoon organized as a Home Defense Unit. Attached to Company I, S. O. 3, 10th Infantry, December 1, 1917. Mustered into the New York Guard November 28, 1917.

Performed active duty with 1st Provisional Regiment.

COMPANY K

Armory, Steuben and Rutgers Streets, Utica

Organized as a Depot Unit of Company A, 1st Infantry, N. G., N. Y. Mustered into State service July 30, 1917. Transferred to 10th Infantry S. O. 58, A. G. O., November 22, 1917. Mustered into the New York Guard November 22, 1917. Designated Company K.

Performed active duty with 1st Provisional Regiment.

COMPANY L

Headquarters, Steuben Park, Utica — Platoon at New Hartford

Utica platoon organized as a Depot Unit of Company B, 1st Infantry, July, 1917. Mustered into State service August 7, 1917. Mustered into the New York Guard November 14, 1917. Transferred to the 10th Infantry, G. O. 58, A. G. O., November 22, 1917. Designated Company L.

New Hartford platoon organized as a Home Defense Unit September, 1917. Mustered into the New York Guard November 27, 1917.

Performed active duty with 1st Provisional Regiment.

COMPANY M

Armory, East Main Street, Mohawk

Organized as a Depot Unit July, 1917. Mustered into the New York Guard as Company M, 1st Infantry, N. G., N. Y., September 27, 1917. Transferred to 10th Infantry, G. O. 58, A. G. O., November 22, 1917.

Performed active duty with 1st Provisional Regiment.

Mustered out: Platoon Company H, Middleburgh, October 7, 1918; Platoon Company I, Sidney, October 8, 1918; Platoon Supply Company, Madison, January 18, 1919; Company H, Cobleskill, April 28, 1919.

Designation of Supply Company, Oneida, changed to Company H, and authority given to organize a Supply Company at Albany, July 31, 1919 (S. O. 171, A. G. O.).

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— McGill's Ferry, La., January 6, 1863; Pouchatoula, La., March 24, 1863; McGill's Ferry, La., March 24, 1863; Civique's Ferry, La., March 25, 1863; Amite River, La., May 10 and 11, 1863; Port Hudson, La., May 23 to July 8, 1863; Spanish-American War, 1898; Hawaii, 1898; World War, 1917.

On the State Color.— Helderbergs, 1865; West Albany, 1877; Buffalo, 1892; Albany, 1901; Coeymans, 1906.

TENTH INFANTRY, NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Walsh, Charles Easton, 22 nov. 17 | | 1 sgt. co. D, 1 regt., N. Y. vols., 2 may 98 to 20 feb. 99 | pvt. co. D, 10 bat. 12 june 94 corp. 9 aug. 95 sgt. 24 dec. 95 1 sgt. 20 apr. 98 2 lt. 1 june 00 1 lt. 5 apr. 01 cap. 45 sep. co. 17 may 05 resigned. 11 dec. 11 maj. 10 inf. 20 sep. 17 col. 22 nov. 17 accepted. 24 nov. 17 | N. Y. 17 may 71 |
| <i>Majors</i> | | | | |
| Lamb, Charles James, 7 aug. 17 | | | pvt. 44 sep. co. 7 apr. 98 trs. 144 sep. co. 16 may 98 corp. 8 july 98 sgt. 7 feb. 99 reduced and trs. 44 sep. co. 23 feb. 99 corp. 26 june 00 sgt. 9 mar. 03 hon. dis. 8 apr. 03 re-enlisted, warrant renewed. 8 apr. 03 1 sgt. 20 oct. 05 2 lt. 31 sep. co. 4 dec. 06 cap. 1 inf. 14 apr. 10 with rank from. 2 apr. 10 resigned. 25 july 13 r. l. 30 mar. 16 on duty with depot bat., 1 inf. 10 july 16 maj. 1 inf. 7 aug. 17 accepted. 7 aug. 17 1 prov. regt. 7 aug. 17 relieved. 9 jan. 19 | Eng. 29 feb. 80 |
| Donner, Willard Henry, 22 jan. 18 | | | pvt. co. A, 10 bat. 12 oct. 90 corp. 16 july 00 sgt. 3 nov. 02 2 lt. 22 oct. 03 1 lt. 26 co. 16 mar. 06 full and hon. dis. 14 nov. 10 cap. depot bat. 10 inf. 21 july 16 maj. 10 inf. 22 jan. 18 accepted. 30 jan. 18 2 prov. regt. 9 aug. 17 relieved. 8 feb. 18 | N. Y. 4 aug. 76 |
| Hewes, James E., 9 oct. 18 hon. dis. 13 may 19 | | Maryland N. M., 4 yrs.; cap. 1 regt. U. S. vol. eng. Span- Amer. war.; eng. officer, Porto Rico. | maj. 10 inf. 9 oct. 18 accepted. 14 oct. 18 | Md. 72 |
| Wheelock, William Fowler, 10 sep. 19 | | 1 lt. 1 N. Y. inf., 2 may 98 to 20 feb. 99 mustered into u. s. a. ser. 17 july 17 hon. dis. 4 jan. 18 1 lt. qm. c. 30 sep. 18 hon. dis. 14 apr. 19 | pvt. corp., 1 sgt., co. D, 10 bat. 13 feb. 94 to 20 dec. 95 2 lt. 20 dec. 95 1 lt. 14 mar. 00 cap. 25 jan. 01 1 lt. 10 inf. 1 may 05 cap. 10 inf. 5 july 11 accepted. 8 july 11 dft. 5 aug. 17 maj. 10 inf. 22 jan. 18 accepted. 26 jan. 18 full and hon. dis. 11 oct. 18 r. l. 18 aug. 19 maj. 10 inf. 10 sep. 19 accepted. 12 sep. 19 | N. Y. 22 jan. 72 |

TENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains | | | | |
| Miller, Edward Kook, 1 june 14 | K | mustered into u. s. ser. 15 july 17 cap. 1 pioneer inf., hon. dis. 29 july 19 | pvt., corp., sgt., 28 sep. co. 12 feb. 84 to 30 july 07 hon. dis. 13 feb. 00 pvt., sgt. 19 feb. 00 hon. dis. 14 june 06 2 lt. 28 sep. co. 30 july 07 1 lt. 1 inf. 10 may 12 cap. 1 june 14 accepted 10 june 14 dft. 5 aug. 17 cap. 10 inf. 9 dec. 19 accepted 10 dec. 19 | N. Y. 4 nov. 73 |
| Connor, Arthur Earl, 5 july 16 t. and h. dis. 9 may 19 | I | | cap. 1 inf. 11 feb. 18 hon. dis. 13 mar. 16 r. l. 30 mar. 16 duty with depot co. F, 1 inf. 5 july 16 cap. 1 inf. 15 sep. 17 accepted 19 sep. 17 assigned to 10 inf. 22 nov. 17 | N. Y. 8 oct. 84 |
| Wilbur, Howard Cornell, 18 july 17 | E | | pvt. 16 co. 15 may 97 corp. 27 may 98 sgt. 15 mar. 00 2 lt. 1 feb. 01 1 lt. 23 may 02 full and hon. dis. 21 jan. 08 cap. depot bat. 10 inf. 18 july 17 cap. 10 inf. 30 jan. 18 accepted 7 feb. 18 | N. Y. 16 july 77 |
| Jackson, Fred M. H., 7 aug. 17 | G | 1 sgt. co. G, 1 inf., 2 may 98 to 29 mar. 99 | pvt. 3 sep. co. 5 feb. 89 corp. 10 apr. 91 sgt. 22 mar. 93 1 sgt. 22 feb. 98 1 lt. 23 feb. 00 full and hon. dis. 19 apr. 07 r. l. 15 july 16 duty depot bat. 1 inf. 15 july 16 cap. 1 inf. 7 aug. 17 accepted 7 aug. 17 assigned to 10 inf. 22 nov. 17 | N. Y. 18 dec. 80 |
| Broadbent, Alfred, 7 aug. 17 reserve list. 3 feb. 19 | K | | pvt., corp. co. B, 1 inf. 14 mar. 05 full and hon. dis. 12 apr. 10 re-enlisted 5 apr. 10 full and hon. dis. 12 june 11 pvt., corp., sgt. co. B, 1 inf. 22 aug. 11 to 29 mar. 13 2 lt. 29 mar. 13 resigned 24 feb. 16 r. l. 25 feb. 16 cap. 1 inf. 7 aug. 17 accepted 7 aug. 17 assigned to 10 inf. 22 nov. 17 1 prov. regt. 2 aug. 17 relieved 3 oct. 18 | N. Y. 7 may 87 |
| Coffey, John Augustine, 11 oct. 17 reserve list. 22 sep. 19 | sup. off. | | pvt., corp. co. C, 1 inf. 27 may 11 to 27 mar. 14 2 lt. 27 mar. 14 1 lt. 6 july 14 resigned 13 apr. 16 r. l. 22 apr. 16 cap. 10 inf. 11 oct. 17 accepted 11 oct. 17 | N. Y. 17 nov. 91 |

TENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|----------------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Paddock, Howard Parsons, 31 oct. 17 | i. s. a. p. | mustered into u. s. a. ser. 30 june 16 out 16 mar. 17 | pvt. tr. B, 1 cav. 11 apr. 11 1 sgt. 18 mar. 14 full and hon. dis. 7 may 14 re-enlisted. 7 may 14 full and hon. dis. 10 may 16 re-enlisted. 10 may 16 full and hon. dis. 30 apr. 17 cap. 10 inf. 31 oct. 17 accepted. 7 nov. 17 N. G. R., 1 lt. 11 apr. 19 | N. Y. 11 apr. 88 |
| Rundel, Richard H., 7 nov. 17 reserve list. 14 feb. 19 | H | ..... | cap. 10 inf. 7 nov. 17 accepted. 8 nov. 17 | ..... |
| Burton, William H., Jr., 23 nov. 17 | adjt. | ..... | pvt. co. B, 10 bat. 20 june 88 corp. 26 oct. 91 sgt. 10 may 93 trans. to 110 bat. 30 may 98 sgt. maj. 15 july 98 full and hon. dis. 18 feb. 99 re-enl. co. B, 10 bat. 9 sep. 99 color bearer. 27 dec. 04 retd. to co. B for trans. 28 apr. 05 sgt. maj. 10 inf. 8 may 05 full and hon. dis. 15 jan. 15 re-enlisted. 21 jan. 15 warrant continued. bvt. 2 lt. and retired. 27 june 16 1 lt. 10 inf. 22 sep. 17 cap. 10 inf. 23 nov. 17 accepted. 24 nov. 17 | N. Y. 11 june 86 |
| Stott, John Whitney, 30 jan. 18 reserve list. 27 oct. 19 | A | ..... | pvt. co. A, 10 inf. 12 oct. 03 full and hon. dis. 19 mar. 09 1 lt. depot bat. 10 inf. 14 june 17 cap. 10 inf. 30 jan. 18 accepted. 1 feb. 18 2 prov. regt. 5 feb. 18 relieved. 11 june 18 | N. Y. 5 may 88 |
| Armstrong, Ray, 30 jan. 18 hon. dis. 29 dec. 19 | m. g. co. | ..... | cap. 10 inf. 30 jan. 18 accepted. 1 feb. 18 | N. Y. 16 may 76 |
| Snowden, George B., 30 jan. 18 reserve list. 30 dec. 19 | L | ..... | pvt. co. A, 10 bat. 9 apr. 06 dropped. 30 nov. 06 taken up. 27 feb. 07 hon. dis. 26 mar. 08 re-enlisted. 28 jan. 09 hon. dis. 15 apr. 10 re-enlisted. 27 june 16 hon. dis. 27 july 16 pvt. depot bat. 1 inf. 27 june 17 2 lt. 1 inf. 7 aug. 17 trans. to 10 inf. 22 nov. 17 cap. 30 jan. 18 accepted. 2 feb. 18 1 prov. regt. 7 aug. 17 relieved. 1 jan. 19 | N. Y. 85 |
| Harder, Edward Lewis, 30 jan. 18 reserve list. 9 dec. 19 | F | ..... | 1 lt. depot bat. 10 inf. 5 july 17 cap. 10 inf. 30 jan. 18 accepted. 2 feb. 18 1 prov. regt. 7 aug. 17 | N. Y. 30 jan. 81 |
| Mayer, William G., 12 mar. 18 retired. 16 apr. 19 | ..... | ensign, U. S. N., 1870-1875. lt. 20 june 98 to 28 sep. 98 | cap. 10 inf. 12 mar. 18 accepted. 16 mar. 18 | Ohio 15 aug. 80 |

TENTH INFANTRY—NEW YORK GUARD—(Continued).

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Carter, Dewey J., 3 july 18 | M | | pvt. co. M, 1 inf. 16 aug. 16 1 lt. 1 inf. 15 sep. 17 accepted 20 sep. 17 assigned 10 inf. 22 nov. 17 cap. 3 july 18 accepted 5 july 18 | N. Y. 26 jan. 80 |
| Lonergan, Joseph V., 4 dec. 18 | | | pvt. tr. B, 1 cav. 23 may 07 dis. 14 july 10 pvt. co. C, 10 inf. 18 mar. 18 2 lt. 8 apr. 18 cap. 4 dec. 18 accepted 5 dec. 18 | N. Y. 27 feb. 87 |
| Clark, Clayton H., 4 dec. 18 reserve list. 10 sep. 18 | D | U. S. eng. reserve, 8 apr. 17 | co. D, 10 inf. 22 july 17 2 lt. 21 mar. 18 1 lt. 7 oct. 18 cap. 4 dec. 18 accepted 5 dec. 18 | N. Y. 25 jan. 91 |
| Cleary, Charles B., 20 feb. 18 | K | | 1 lt. 1 inf. 7 aug. 17 accepted 7 aug. 17 assigned to 10 inf. 22 nov. 17 cap. 20 feb. 19 accepted 24 feb. 19 | N. Y. 1 feb. 80 |
| Norris, Arthur H., 13 sep. 19 | B | mustered into u. s. ser. 16 july 17 1 lt. 105 inf. 16 june 18 hon. dis. 1 apr. 19 | pvt. co. B, 10 inf. 23 oct. 08 corp. 18 june 11 1 sgt. 19 apr. 12 full and hon. dis. 9 mar. 15 re-enlisted. 15 mar. 15 hon. dis. 23 oct. 15 re-enlisted. 5 june 16 1 sgt. 5 june 16 2 lt. 29 mar. 17 1 lt. 16 july 17 accepted 16 july 17 dft. 5 aug. 17 cap. 10 inf. 13 sep. 19 accepted 13 sep. 19 | N. Y. 23 june 87 |
| Walsh, David H., 29 sep. 19 | sup. co. | mustered into u. s. ser. 17 july 17 2 lt. 51 pioneer inf. 16 june 18 1 lt. 16 july 18 hon. dis. 7 july 19 | pvt. co. D, 10 inf. 6 feb. 17 to sup. co. 25 feb. 17 wagoner. 25 feb. 17 regtl. sup. sgt. — apr. 17 1 sgt. sup. co. 16 may 17 dft. 5 aug. 17 cap. 10 inf. 29 sep. 19 accepted 1 oct. 19 | N. Y. 15 nov. 73 |
| Miller, Ferdinand W., 30 sep. 19 | H | co. B, 9 inf., Pa. N. G. — sep. 98 hon. dis. 3 sep. 03 | 1 lt. 10 inf. 30 jan. 18 cap. 30 sep. 19 accepted 1 oct. 19 | Pa. 19 may 78 |
| Clune, Patrick H., 29 oct. 19 | D | 2 lt. inf., 85 div., 15 nov. 17 1 lt. 22 aug. 18 hon. dis. 10 jan. 19 | pvt. co. H, 69 inf. 30 jan. 05 corp. 13 nov. 05 to rank and trans to co. A. 4 dec. 05 dropped. 13 july 08 taken up, co. C, 10 inf. 21 june 16 hon. dis. 31 may 17 1 lt. 10 inf. 12 june 19 cap. 29 oct. 19 accepted 30 oct. 19 | N. Y. 5 mar. 76 |

TENTH INFANTRY—NEW YORK GUARD.—(Continued).

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Concluded</i> | | | | |
| O'Neill, Charles T., 28 nov. 19 | I | mustered into u. s. ser. 21 july 17 to co. L, 106 inf. 5 nov. 17 1 lt. inf. 11 feb. 19 hon. dis. 2 apr. 19 | pvt. co. F, 1 inf. 23 dec. 14 to 23 july 17 2 lt. 23 july 17 accepted 24 july 17 dft. 5 aug. 17 cap. 10 inf. 28 nov. 19 accepted 1 dec. 19 | N. Y. 19 july 88 |
| <i>First Lieutenants</i> | | | | |
| Davis, Edward Sprague, 14 june 17 f. and h. dis. 1 mar. 19 | bat. adj. | ..... | pvt. tr. B, cav. 13 feb. 03 corp. 23 oct. 06 sgt. 12 july 10 sq. sgt. maj. 1 cav. 9 may 12 full and hon. dis. 29 dec. 13 re-enlisted, 1 cav. 2 jan. 14 warrant as sq. sgt. maj. continued. hon. dis. 21 june 14 1 lt. depot bat. 10 inf. 14 june 17 1 lt. 10 inf. 30 jan. 18 accepted 5 feb. 18 | N. Y. 15 dec. 72 |
| Richards, Stuart William, 7 aug. 17 f. and h. dis. 3 may 19 | bat. adj. | service on Mexican border. 30 june 16 to 15 mar. 17 | pvt. tr. G, 1 cav. 21 june 12 warranted corp. and sgt. 10 oct. 15 discharged 15 oct. 15 re-enlisted, sgt. 18 june 17 discharged 7 aug. 17 1 lt. 1 inf. 7 aug. 17 accepted 22 oct. 17 tra. to 10 inf. 21 nov. 17 1 prov. regt. 21 nov. 17 | N. Y. 20 may 94 |
| Winslow, Edward W., 15 sep. 17 | L | ..... | pvt. co. A 1 inf. 2 july 17 1 lt. 1 inf. 15 sep. 17 accepted 20 sep. 17 to 10 inf. 15 feb. 18 | 1894 |
| McLaury, Henry Dewhurst 15 sep. 17 | G | ..... | pvt. 3 sep. co. 6 dec. 95 dropped 11 sep. 97 taken up 31 dec. 97 corp. 8 mar. 98 reduced 15 mar. 99 tra. hosp. corps. 20 mar. 99 corp. 10 june 99 sgt. 14 dec. 00 full and hon. dis. 11 may 06 1 lt. 1 inf. 15 sep. 17 accepted 22 sep. 17 assigned to 10 inf. 22 nov. 17 | N. Y. 3 july 76 |
| Marvin, Hector B., 15 sep. 17 | I | ..... | pvt. 33 sep. co. 4 may 92 corp. 14 june 96 sgt. 29 mar. 00 2 lt. 6 july 00 1 lt. 29 nov. 01 full and hon. dis. 28 sep. 06 1 lt. 1 inf. 15 sep. 17 accepted 1 oct. 17 assigned to 10 inf. 22 nov. 17 | N. Y. 74 |
| McKenna, Daniel M., 7 nov. 17 | bat. adj. | ..... | pvt. tr. B, 1 cav. 16 mar. 06 corp. 19 feb. 10 full and hon. dis. 21 apr. 11 1 lt. 10 inf. 7 nov. 17 accepted 8 nov. 17 | N. Y. 84 |

TENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|--|-------------------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Levy, Bertholdt M., 30 jan. 18 reserve list.... 13 nov. 19 | C | ..... | depot. bat. co. A, 10 inf. 17 july 16 sgt. 17 1 sgt. 20 aug. 17 co. G. 26 nov. 17 1 lt. 30 jan. 18 accepted. 1 feb. 18 2 prov. regt. 5 feb. 18 relieved. 21 jan. 19 | N. Y. 13 sep. 84 |
| Cowen, Herman C., 10 apr. 18 | E | ..... | pvt. co. E. 5 nov. 17 1 lt. 10 apr. 18 accepted. 16 apr. 18 | Kan. 7 sep. 72 |
| Baker, John G., 19 apr. 18 | bat. adj. | ..... | pvt. co. D, 10 inf. 5 dec. 17 hon. dis. 22 apr. 18 1 lt. 10 inf. 19 apr. 18 accepted. 22 apr. 18 | N. Y. 3 nov. 74 |
| Smith, Lewis B., 24 may 18 reserve list.... 17 oct. 19 | L | ..... | pvt. co. L. 1 dec. 17 1 lt. 10 inf. 24 may 18 accepted. 1 june 18 | Wis. 9 mar. 74 |
| Rosenthal, Mark, 3 july 18 | F | ..... | 23 sep. co. 14 nov. 01 corp. 6 dec. 05 sgt. 1 may 11 full and hon. dis. 2 apr. 12 2 lt. 10 inf. 30 jan. 18 1 lt. 3 july 18 accepted. 6 july 18 | N. Y. 7 feb. 83 |
| Gaylord, Norman C., 5 sep. 18 | m. g. co. | ..... | 2 lt. 10 inf. 30 jan. 18 1 lt. 5 sep. 18 accepted. 16 sep. 18 | N. Y. 2 june 77 |
| Heisler, Charles B., 7 oct. 18 | A | ..... | 2 lt. 10 inf. 15 june 18 1 lt. 7 oct. 18 accepted. 15 oct. 18 | Cal. 23 apr. 87 |
| Carroll, Clayton A., 12 nov. 18 | M | ..... | 1 lt. 10 inf. 12 nov. 18 accepted. 14 nov. 18 | N. Y. 28 apr. 79 |
| Bentley, Charles W., 7 feb. 19 reserve list.... 15 sep. 19 | B | sgt. co. D, 1 N. Y. vols. 2 may 98 to 20 feb. 99 | pvt. co. D, 10 bat. 28 feb. 95 corp. 30 jan. 97 sgt. 29 apr. 98 full and hon. dis. 21 jan. 02 pvt. co. A, 10 bat. 25 apr. 02 hon. dis. 28 sep. 05 2 lt. 29 july 18 1 lt. 7 feb. 19 | N. Y. 17 sep. 76 |
| Hart, Peter A., 13 feb. 19 | asst. i. s. a. p. | ..... | pvt. co. B, 10 inf. d. b. 24 july 17 to co. B, 10 inf. 23 oct. 17 sgt. 1 dec. 17 1 lt. 10 inf. 13 feb. 19 accepted. 15 feb. 19 | N. Y. 6 oct. 76 |
| Carley, George H., 3 june 19 | G pla. | ..... | pvt. co. G, 10 inf. 12 apr. 18 1 lt. 10 inf. 5 june 19 accepted. 9 june 19 | N. Y. 6 apr. 73 |

TENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Concluded</i> | | | | |
| Welch, Louis A., 15 oct. 19 | bat. adj. | pvt., ord. dep., — june 18 sgt., ord. . . . 7 oct. 18 ord. sgt. . . . 8 june 19 hon. dis. . . . 17 may 19 | pvt. co. B, 1 inf. . . . 27 july 17 1 sgt. . . . 23 sep. 17 to 10 inf. . . . 22 nov. 17 2 lt. 10 inf. . . . 27 mar. 18 accepted 1 apr. 18 hon. dis. . . . 15 july 18 pvt. co. L, 10 inf. . . . 19 sep. 19 1 sgt. . . . 3 oct. 19 1 lt. 10 inf. . . . 15 oct. 19 accepted 16 oct. 19 | N. Y. 23 mar. 96 |
| Taylor, James F., 18 oct. 19 | H | | 2 lt. 10 inf. . . . 30 jan. 18 1 lt. . . . 18 oct. 19 accepted 21 oct. 19 | N. Y. 14 nov. 83 |
| Mangine, William J., 3 dec. 19 | D | r. o. t. c., Niagara univ. . . . 1 oct. 18 hon. dis. . . . 18 dec. 18 | pvt. 3 brig. det. . . . 18 feb. 18 hon. dis. . . . 9 jan. 19 r. l. . . . 9 jan. 19 2 lt. 10 inf. . . . 21 mar. 19 1 lt. . . . 3 dec. 19 accepted 4 dec. 19 | N. Y. 21 jan. |
| <i>Second Lieutenants</i> | | | | |
| Launt, Rae Coolidge, 7 aug. 17 f. and h. dis. . . 11 jan. 19 | I | pvt. co. F, 1 regt., N. Y. Vols., 1 may 98 to 25 feb. 99 | mus. 33 sep. co. . . . 15 july 96 pvt. . . . 28 mar. 98 corp. . . . 21 mar. 00 dis. . . . 28 oct. 01 pvt. 33 sep. co. . . . 10 oct. 02 sgt. . . . 25 nov. 02 dis. . . . 21 oct. 03 2 lt. 33 sep. co. . . . 27 dec. 04 cap. . . . 4 dec. 06 full and hon. dis. . . . 30 dec. 08 2 lt. 1 inf. . . . 7 aug. 17 accepted 12 sep. 17 assigned to 10 inf. . . . 22 nov. 17 1 prov. regt. . . . 11 aug. 17 | N. Y. 25 feb. 80 |
| Baker, Louis Munson, 15 sep. 17 | G | | 2 lt. 1 inf. . . . 15 sep. 17 accepted 21 sep. 17 det. to duty with m. t. c. . . . 14 nov. 17 assigned to 10 inf. . . . 22 nov. 17 | N. Y. 5 jan. 85 |
| Roarick, Leon LeGrand, 7 nov. 17 reserve list. . . . 28 apr. 19 | H | | 2 lt. 10 inf. . . . 7 nov. 17 accepted 8 nov. 17 | |
| Durwin, Frank, 23 jan. 18 hon. dis. . . . 4 oct. 19 | E | Mass N. G. 15 jan. 09 dis. . . . 15 jan. 12 | 2 lt. 10 inf. . . . 23 jan. 18 accepted 1 feb. 18 | Mass. 8 june 89 |
| Propet, Harry, 3 july 18 | F | | pvt. co. F, 10 inf. . . . 20 oct. 08 corp. . . . 9 nov. 10 sgt. . . . 10 july 13 full and hon. dis. . . . 28 jan. 16 pvt. co. F. . . . 26 july 17 sgt. . . . 9 oct. 17 1 sgt. . . . 2 mar. 18 2 lt. 10 inf. . . . 3 july 18 accepted 6 july 18 | N. Y. 28 oct. 89 |

TENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Remarks |
|--|----------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Continued</i> | | | | |
| Dowling, William F., 15 oct. 18 hon. dis. 30 sep. 19 | K | ..... | pvt. co. B, 1 inf. 18 nov. 04 dropped. 19 oct. 06 pvt. co. B, 1 inf. re-des. co. L. 22 nov. 17 corp. 23 nov. 17 sup. sgt. 2 lt. 10 inf. 15 oct. 18 accepted. 23 oct. 18 | N. Y. 18 dec. 77 |
| Mets, Claude L., 15 oct. 18 reserve list. . . . 30 dec. 19 | A | ..... | 2 lt. 10 inf. 15 oct. 18 accepted. 23 oct. 18 | Pa. 25 nov. 93 |
| Thatcher, Edwin T., 17 jan. 19 | C | ..... | pvt. co. C, 10 inf. 3 dec. 17 2 lt. 10 inf. 17 jan. 19 accepted. 22 jan. 19 | N. Y. 29 apr. 96 |
| Anderson, Alfred F., 14 feb. 19 | sup. co. | ..... | pvt. co. B, 10 inf. 1 July 15 to sup. co. 4 July 16 mess sgt. 4 July 16 hon. dis. 14 July 17 pvt. co. B, 10 inf. 1 oct. 17 regt. sup. sgt. 17 dec. 17 2 lt. 10 inf. 14 feb. 19 accepted. 14 feb. 19 | N. Y. 26 June 71 |
| Burrhus, James C., 24 May 19 | I | pvt. sig. e. c., 7 Jan. 18 camp Dick, Aug. 9 to sep. 13; flying at Taylor field, sep. 18 hon. dis. 29 Nov. 18 | pvt. co. I, 10 inf. 6 Jan. 19 2 lt. 10 inf. 24 May 19 accepted. 29 May 19 | N. Y. 24 July 93 |
| Hazard, Frederick G., 10 Oct. 19 | K | Madison barracks, May to Aug., 17 l. a. t. c., Oct. 1 to Nov. Nov. 30, 18. | 2 lt. 10 inf. 10 Oct. 19 accepted. 11 Oct. 19 | N. Y. 5 Sep. 95 |
| Cookinham, Daniel G., 10 Dec. 19 | L | ..... | pvt. co. L, 10 inf. 27 Nov. 17 1 sgt. 27 Feb. 19 2 lt. 10 inf. 10 Oct. 19 accepted. 11 Oct. 19 | N. Y. 20 Jan. 90 |
| Adams, Roscoe C., 10 Oct. 19 | band leader | ..... | pvt., band, 2 inf. 20 July 08 sgt. 20 July 08 full and hon. dis. 5 Dec. 13 re-enlisted and warrant con. hon. dis. 15 July 15 pvt. hqr. co. 10 inf. . . . 6 Jan. 19 band leader. 6 Jan. 19 2 lt. 10 inf. 10 Oct. 19 accepted. 14 Oct. 19 | N. Y. 16 Apr. 81 |
| Heath, William, 27 Oct. 19 | E | mustered into u. s. ser. 15 July 18 resigned. 13 Feb. 19 | pvt. co. E. 23 Mar. 06 hon. dis. 11 Jan. 11 pvt. co. E. 27 June 11 corp. 27 Nov. 12 sgt. 12 May 13 2 lt. 28 May 15 accepted. 29 May 15 dft. 5 Aug. 17 r. l. 26 Oct. 18 2 lt. 10 inf. 27 Oct. 19 accepted. 28 Oct. 19 | N. Y. 13 Dec. 84 |
| Murphy, Harold, 13 Nov. 19 | M | ..... | pvt. co. M, 1 inf. 31 Aug. 14 full and hon. dis. 19 July 17 pvt. co. M, 10 inf. 31 Aug. 17 sgt. 27 Sep. 19 2 lt. 10 inf. 13 Nov. 19 accepted. 17 Nov. 19 | N. Y. 6 Oct. 96 |

TENTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- tinued</i> | | | | |
| Gurley, Clarence E., 9 dec. 19 | m. g. co. | mustered into u. s. a. ser. 27 july 17 m. g. co., 107 inf., 11 oct. 17 hon. dis. . . 2 apr. 19 | pvt. m. g. co., 1 inf. 11 june 17 dft. 5 aug. 17 2 lt. 10 inf. 9 dec. 19 accepted. 13 dec. 19 | N. Y. 23 mar. 94 |
| Sharp, Robert J., 23 dec. 19 | D | tr. A, 12 cav., aug. 1911 to june, 1914. pvt. co. C, 105 inf., 26 july 17 hon. dis. . . 10 apr. 18 | pvt. co. D, 10 inf. 16 may 18 1 agt. 2 june 19 2 lt. 10 inf. 23 dec. 19 accepted. 30 dec. 19 | N. Y. 20 apr. 94 |

TWELFTH INFANTRY, N. Y. G.

Armory, 120 West 62d Street, New York City

Organized as a Depot Battalion and mustered into the State service, July 20, 1917. Under authority S. O. 288, A. G. O., November 13, 1917, this battalion was formed into a regiment, and mustered into the New York Guard as follows: Headquarters Company, December 17, 1917; Supply Company, December 18, 1917; Companies A and B, November 16, 1917; Company C, December 10, 1917; Company D, November 27, 1917; Company G, November 27, 1917; Company H, December 21, 1917; Company M, December 17, 1917; Company E, January 14, 1918; Company F, January 15, 1918; Company I, January 16, 1918; Company K, January 16, 1918; Machine Gun Company, May 22, 1918; Company L, June 13, 1918.

Company L, Cedarhurst, mustered in October 14, 1917, transferred to 23d Infantry, G. O. 164, A. G. O., December 22, 1917.

Company I, Islip, mustered in October 14, 1917, became Company I, 14th Infantry, November 14, 1917, transferred to 6th Battalion December 22, 1917.

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Burr, Nelson Beardsley, 14 nov. 18 | | 1 lt. 12 rgt., N. Y. Vols. 2 may 98 to 28 oct. 98 | 2 lt. 12 inf. 23 apr. 97 1 lt. 12 july 99 cap. 26 july 99 maj. 12 inf. 26 sep. 05 lt. col. 7 june 12 retired. 22 july 12 r. l. 12 june 15 maj. 12 inf. 11 dec. 17 col. 14 nov. 18 accepted. 15 nov. 18 | N. Y. 1 feb. 71 |
| <i>Lieutenant Colonels</i> | | | | |
| Downs, William Edward, 6 apr. 17 | | 1 lt. 12 N. Y. inf., 2 may 98 cap. 20 oct. 98 to 17 nov. 98 mustered into u. s. a. ser. 26 june 16 out 10 mar. 17 into 22 july 17 lt. col. 52 pioneer inf., hon. dis. . 8 july 19 | pvt., corp., sgt., co. E, sgt. maj. 12 inf. 29 apr. 89 to 26 feb. 96 2 lt. 26 feb. 96 1 lt. 18 dec. 96 1 lt. asst. i. s. a. p. 12 inf., with o. r. 1 nov. 99 cap. i. s. a. p. 10 oct. 00 cap. 12 inf., with o. r. 17 may 02 resigned. 23 mar. 04 cap. 12 inf. 3 june 08 maj. 11 oct. 12 lt. col. 6 apr. 17 accepted. 9 apr. 17 dft. 5 aug. 17 r. l. 14 july 19 lt. col. 12 inf. 2 oct. 19 accepted. 6 oct. 19 | N. J. 20 sep. 67 |
| Strong, Edwin Allen, 14 nov. 18 f. and h. dis. . 24 sep. 19 | | | pvt., h. e., sq. A. 6 jan. 02 to 7 june 04 2 lt. 12 inf. 7 june 04 1 lt. 29 nov. 04 cap. i. s. a. p. 9 jan. 06 supn., resigned. 21 jan. 08 cap. o. d. 16 mar. 08 resigned. 11 july 10 maj. c. of e. 18 mar. 12 resigned. 3 nov. 16 maj. 12 inf. 23 nov. 17 lt. col. 14 nov. 18 accepted. 19 nov. 18 | Conn. 8 dec. 77 |
| <i>Majors</i> | | | | |
| Connolly, James Nicholas, 21 aug. 17 | | served by authority of the Secretary of War as volunteer chaplain without rank or pay, on the U. S. A. hospital ship Relief, from 30 june 96 to sep. 98. | chaplain, 12 inf. 13 sep. 01 chaplain, major. 2 apr. 17 resigned. 23 july 17 r. l. 20 aug. 17 chaplain, 12 inf. 5 sep. 17 accepted. 15 sep. 17 | N. Y. 15 jan. 64 |

TWELFTH INFANTRY, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Majors—Concluded | | | | |
| Buek, Thomas Charles, 17 dec. 17 f. and h. dis. 16 apr. 19 | ..... | cap. 12 regt., inf., N. Y. vols. 2 may 98 to 20 apr. 99 | pvt. co. F, 12 inf. 7 july 94 corp. 17 may 95 2 lt. 1 july 96 1 lt. 14 jan. 98 cap. 21 apr. 98 maj. 22 jan. 00 resigned. 5 aug. 05 maj. 12 inf. 17 dec. 17 accepted. 19 dec. 17 | N. Y. 30 jan. 74 |
| Morgan, William Forbes, 14 nov. 18 | ..... |  | pvt. tr. 3, sq. A. 6 feb. 00 dropped. 21 oct. 01 2 lt. 12 inf. 6 dec. 02 1 lt. 29 dec. 03 cap. 14 june 06 resigned. 20 feb. 08 cap. 12 inf. 18 oct. 17 maj. 14 nov. 18 accepted. 19 nov. 18 | N. Y. 23 sep. 79 |
| Ottman, William, 14 nov. 18 | ..... |  | 1 lt. depot bat. 12 inf. 21 june 17 cap. depot bat. 12 inf. 17 july 17 cap. 12 inf. 5 sep. 17 maj. 14 nov. 18 accepted. 18 nov. 18 | N. Y. 27 oct. 77 |
| Sniffen, Elisha, 31 july 19 reserve list. 4 aug. 19 | ..... |  | pvt. co. B, 7 inf. 4 jan. 94 1 lt. 12 inf. 3 nov. 99 full and hon. dis. 23 jan. 01 r. l. 1 lt. 23 may 16 duty with depot bat. 12 inf. 7 july 16 1 lt. 12 inf. 5 sep. 17 maj. 31 july 19 accepted. 1 aug. 19 | N. Y. 21 jan. 66 |
| Captains | | | | |
| Pell, Howland, 7 july 16 reserve list. 17 jan. 19 | A | ..... | pvt. co. I, 7 inf. 7 june 75 hon. dis. 7 sep. 81 2 lt. 12 inf. 8 feb. 84 1 lt. 12 inf. 8 june 84 cap. 25 aug. 85 resigned. 9 feb. 91 pvt. co. K, 7 inf. 18 nov. 91 full and hon. dis. 20 oct. 96 r. l., cap. 28 may 16 duty with depot bat., 12 inf. 7 july 16 cap. 12 inf. 5 sep. 17 accepted. 15 sep. 17 1 prov. regt. 7 aug. 17 relieved. 26 mar. 19 | L. I. 19 mar. 56 |
| Jallade, Louis Eugene, 17 aug. 17 | C | ..... | 2 lt. 12 d. b. inf. 5 dec. 16 1 lt. 12 inf. 14 june 17 cap. 12 inf. 17 aug. 17 accepted. 23 aug. 17 | Can. 16 feb. 78 |
| Saunders, Robert, 18 oct. 17 | sup. co. | mustered into u. s. ser. 28 june 16 resigned. 27 oct. 16 | pvt., corp., sgt., 1 sgt., co. G, 12 inf. 25 aug. 93 to 16 mar. 06 2 lt. 12 inf. 16 mar. 06 1 lt. 3 dec. 08 cap. 21 dec. 09 resigned. 27 oct. 16 cap. 12 inf. 18 oct. 17 accepted. 22 oct. 17 | N. Y. 28 aug. 71 |

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Owen, Walter G., 7 nov. 17 | i. a. a. p. | ..... | pvt. co. I, 12 inf. 9 apr. 84 discharged, physical disability 2 dec. 86 cap. 12 inf. 27 mar. 89 retired 15 oct. 90 r. l. 22 july 16 cap. 12 inf. 7 nov. 17 accepted 10 nov. 17 | N. Y. 15 mar. 06 |
| Kip, Henry Spies, 23 nov. 17 f. and h. dis. ... 14 jan. 19 | H | 1 bat. and bat. adjt. 9 regt. N. Y. vols. 24 may 98 to 15 nov. 98 | pvt. tr. 3, sq. A. 1 nov. 97 dropped 1 feb. 99 taken up 1 aug. 99 corp. 20 may 01 dropped 6 jan. 02 2 lt. co. A, 12 inf. 20 dec. 04 1 lt. co. H. 2 dec. 06 resigned 2 apr. 08 cap. 12 inf. 7 nov. 17 accepted 12 nov. 17 | N. Y. 29 june 74 |
| Magley, George William, 19 dec. 17 | M | ..... | cap. 12 inf. 19 dec. 17 accepted 27 dec. 17 | Ohio 26 jan. 79 |
| Dean, John J., 10 may 18 | L | pvt. co. H, 22 regt. N. Y. vols. 9 may 98 to 23 nov. 98 mustered into u. s. ser. 28 june 16 out 10 mar. 17 into 22 july 17 dis. 4 jan. 18 | pvt. co. H. 10 jan. 95 corp. 28 aug. 97 agt. 30 oct. 00 1 agt. 8 feb. 04 hon. dis. 14 feb. 05 pvt. co. C, 12 regt. 1 mar. 05 trans co. L, 12 regt. 1 mar. 07 1 agt. 13 may 07 2 lt. 12 inf. 3 dec. 08 1 lt. 27 nov. 09 cap. 10 dec. 13 accepted 11 dec. 13 dft. 5 aug. 17 cap. 12 inf. 10 may 18 accepted 13 may 18 | N. Y. 6 sep. 75 |
| Knapp, John M., 20 may 18 reserve list. ... 13 jan. 19 | F | ..... | pvt. tr. A. 15 may 89 dis. 15 nov. 95 1 lt. 112 inf. 6 june 98 supn. 10 jan. 99 duty with 4 bat. 12 regt. 30 june 99 1 lt. 12 inf. 26 july 99 1 lt. bat. adj. 1 june 00 resigned 2 jan. 06 r. l. 8 may 17 1 lt. 12 inf. 11 oct. 17 cap. 20 may 18 accepted 22 may 18 | N. Y. 13 feb. 08 |
| Usiker, Irving Joseph, 25 nov. 18 reserve list. ... 22 sep. 19 | B | ..... | pvt. co. A, 12 inf. 28 aug. 02 corp., agt., 1 agt., full and hon. dis. 21 aug. 13 pvt. depot bat., 1 agt., 2 lt. 24 nov. 16 2 lt. 12 inf. 15 sep. 17 1 lt. 20 feb. 18 cap. 25 nov. 18 accepted 28 nov. 18 1 prov. regt. 7 aug. 17 relieved 26 jan. 19 | N. Y. 26 nov. 80 |
| Male, Francis S., 13 dec. 18 | m. g. co. | ..... | pvt. co. B. 30 nov. 17 1 lt. 16 apr. 18 cap. 12 inf. 13 dec. 18 accepted 16 dec. 18 | N. Y. 16 apr. 76 |

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|---|----------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Bruce, Charles A., 17 dec. 18 | C | ..... | pvt. 2 batty..... — apr. 98 dropped..... — 99 1 lt. 4 inf..... 11 dec. 17 accepted..... 14 dec. 17 tr. 12 inf..... 2 nov. 18 cap..... 17 dec. 18 accepted..... 19 dec. 18 | N. Y.. 29 jan. 78 |
| Ehret, Louis J., 30 dec. 18 | D | ..... | 2 lt. 12 inf..... 16 apr. 18 1 lt..... 6 nov. 18 cap..... 30 dec. 18 accepted..... 31 dec. 18 | N. Y. |
| Dewing, Hiram E., 15 jan. 19 hon. dis. 9 dec. 19 | G | pvt. batty. A, light art. Penn. N. G., may and June, 98. mustered into u. s. ser..... 16 June 98 out 19 Nov. 98 | 2 lt. 12 inf..... 28 feb. 18 1 lt..... 6 nov. 18 cap..... 15 jan. 19 accepted..... 18 jan. 19 | N. Y.. 26 nov. 80 |
| Wendel, Frederick D., 27 jan. 19 | E | cap..... 27 nov. 17 hon. dis. 20 dec. 18 | pvt. co. H, 22 inf..... 13 nov. 95 corp..... 13 nov. 99 sgt..... 1 nov. 02 hon. dis. 20 may 07 pvt. co. K, 22 eng..... 20 may 07 1 cl. pvt..... 24 oct. 10 sgt..... 31 oct. 10 2 lt. c. of e..... 7 dec. 11 1 lt..... 12 jan. 14 accepted..... 19 jan. 14 r. l..... 23 dec. 14 1 lt. c. of e..... 22 jan. 15 accepted..... 25 jan. 15 r. l..... 7 jan. 16 full and hon. dis. 5 dec. 17 cap. 12 inf..... 27 jan. 19 accepted..... 29 jan. 19 | Den- mark 24 oct. 76 |
| Norton, Huntington, 27 jan. 19 hon. dis. 30 apr. 19 | H | ..... | 1 lt. 12 inf..... 16 jan. 18 cap..... 27 jan. 19 accepted..... 29 jan. 19 | Conn. 12 July 78 |
| Tappin, Lindsey, 28 jan. 19 | K | ..... | pvt. 12 inf..... 14 oct. 17 trans. 23 inf..... 4 jan. 18 2 lt. 12 inf..... 28 feb. 18 1 lt..... 1 nov. 18 cap..... 28 jan. 19 accepted..... 29 jan. 19 | N. Y.. 19 sep. 77 |
| Field, Edward P., 3 feb. 19 | F | 1 lt. inf.... 6 nov. 18 | pvt. tr. B, sq. A. cav. 26 oct. 17 hon. dis. 13 nov. 17 2 lt. 12 inf..... 7 nov. 17 1 lt..... 29 jan. 18 cap..... 9 July 18 accepted..... 13 June 18 hon. dis. 6 nov. 18 cap. 12 inf..... 3 feb. 19 accepted..... 5 feb. 19 | N. Y.. 24 may 80 |
| Aufferth, Charles J., 11 feb. 19 | I | mustered into u. s. pvt. 7 inf..... 26 dec. 11 ser..... 26 June 16 out 11 Nov. 16 | corp..... 1 July 13 sgt..... 25 June 16 dis. from N. G. res..... 14 feb. 17 2 lt. 12 inf..... 8 nov. 17 1 lt..... 25 apr. 18 cap..... 11 feb. 19 accepted..... 12 feb. 19 | Ken. 27 nov. 73 |

TWELFTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Murphy, Edward J., 7 mar. 19 | A | Naval militia, m. v. m., 14 may, 99-03. dis. as coxswain, full and hon. dis. mustered into u. s. ser. 28 June 16 out 10 mar. 17 | pvt band, 12 inf. 6 Jan. 13 corp. 10 mar. 13 sgt. 8 Nov. 13 drum major. 2 Nov. 14 full and hon. dis. 5 Jan. 16 re-enlisted. 6 Jan. 16 warrant continued. full and hon. dis. 19 June 17 2 lt. depot bat. 12 inf. 10 July 17 2 lt. 12 inf. 5 Sep. 17 1 lt. 14 Mar. 18 cap. 7 Mar. 19 accepted. 10 Mar. 19 | Mass. 25 Oct. 78 |
| Shrady, Charles D., 18 Oct. 19 | ..... | ..... | pvt. tr. A, sq. A. 21 Oct. 17 corp. and sgt. trans. tr. C. 18 Apr. 18 to co. H, 12 inf. 11 Nov. 18 2 lt. 12 inf. 21 Nov. 18 1 lt. 26 Feb. 19 cap. 18 Oct. 19 accepted. 27 Oct. 19 | N. Y. 14 Feb. 73 |
| First Lieutenants | | | | |
| Rowe, Mark D., 10 May 18 reserve list. 28 Mar. 19 | F | 3 N. G. Penn., co. M., 1 regt. Penn. res., co. H, 1917. | 1 lt. 12 inf. 10 May 18 accepted. 11 May 18 | Pa. 6 Sep. 89 |
| Pouch, Arnold C., 10 May 18 hon. dis. 15 Sep. 19 | L | ..... | 1 lt. 12 inf. 10 May 18 accepted. 13 May 18 | N. Y. 29 Aug. 91 |
| Robbins, Harry P., 20 May 18 f. and h. dis. 3 Mar. 19 | E | ..... | pvt. tr. A, sqd. A. 16 Dec. 90 full and hon. dis. 10 June 96 1 lt. 12 inf. 20 May 18 accepted. 22 May 18 | N. Y. 10 May 72 |
| Huebechar, August, 9 Oct. 18 | band leader | ..... | pvt., band, 9 inf. 25 Oct. 07 corp. 1 June 08 princ. musc. 20 Nov. 11 full and hon. dis. 13 Jan. 13 pvt., band, 12 inf. 17 Feb. 13 princ. musc. 7 May 13 chief musc. 7 Dec. 14 full and hon. dis. 16 Feb. 15 re-enlisted and warrant con. hon. dis. 16 July 17 band leader, 12 inf. 20 July 17 1 lt. 12 inf. 9 Oct. 18 accepted. 18 Oct. 18 | N. Y. 12 Apr. 86 |
| Cammann, Philip G., 24 Oct. 18 | H | 2 lt. inf. 27 Nov. 17 102 m. g. bat. 1 lt. 24 Oct. 18 hon. dis. 7 Aug. 19 | 1 lt. 12 inf. 14 Nov. 19 accepted. 15 Nov. 19 | N. Y. 12 May 96 |
| Barker Stephen, 5 Nov. 18 | F | 1 lt. inf. 5 Nov. 18 hon. dis. 20 Mar. 19 | pvt. tr. 4, sq. A. 27 Nov. 07 dropped. 29 Apr. 09 pvt. tr. B, sq. A, cav. — Aug. 17 2 lt. 12 inf. 11 Dec. 17 1 lt. 20 Feb. 18 cap. 2 Oct. 18 accepted. 16 Oct. 18 hon. dis. 20 Nov. 18 1 lt. 12 inf. 19 June 19 accepted. 20 June 19 | N. Y. 9 Feb. 80 |

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Hialop, William J., 19 nov. 18 | D | ..... | pvt. co. D, 13 regt. 7 apr. 03 corp. 25 July 05 sgt. 4 June 07 full and hon. dis. 30 Nov. 09 2 lt. 12 inf. 3 July 18 1 lt. 19 Nov. 18 accepted. 2 Dec. 18 | N. Y. 7 Jan. 84 |
| Cass, Chauncey S., 25 Nov. 18 reserve list. 18 Apr. 19 | B | ..... | pvt. co. A, 12 inf. 13 June 17 corp. 4 Sep. 17 sup. sgt. 8 Oct. 17 1 sgt. 7 Jan. 18 2 lt. 12 inf. 14 Aug. 18 1 lt. 25 Nov. 18 accepted. 28 Nov. 18 1 prov. regt. 12 Aug. 18 relieved. 22 Jan. 19 | N. Y. 12 Dec. 95 |
| Burghard, Frederick J., 10 Dec. 18 reserve list. 3 May 19 | bat. adj. | u. s. a. n. r. f. 17 May 17 m. m. 1 c. hon. dis. ... 4 Sep. 17 | 2 lt. 12 inf. 20 Nov. 18 1 lt. 10 Dec. 18 accepted. 16 Dec. 18 | N. Y. 18 June 96 |
| Malcolm, Ernest E., 24 Dec. 18 | C | ..... | 1 lt. inf. 24 Dec. 18 accepted. 24 Dec. 18 aide to gov. 1 Jan. 19 to 12 inf. 8 Mar. 19 | Mass. 7 June 68 |
| Wells, John, 1 Mar. 19 | K | mustered into u. s. ser. 20 July 17 1 lt. hdq. 5 army ops. 8 July 18 hon. dis. ... 12 Apr. 19 | pvt. co. K, 7 inf. 19 Nov. 15 2 lt. 12 inf. 2 May 17 accepted. 3 May 17 dft. 5 Aug. 17 1 lt. 12 inf. 20 May 19 accepted. 29 May 19 | N. Y. 10 May 59 |
| Richardson, Frank T., 19 Mar. 19 | E | ..... | 1 lt. 12 inf. 19 Mar. 19 accepted. 24 Mar. 19 | N. Y. 16 Dec. 77 |
| Jacobs, Charles E., 18 Oct. 19 | bat. adj. | ..... | pvt. co. D, 12 inf. 11 July 17 corp. 17 Dec. 17 sgt. 1 Oct. 18 2 lt. 12 inf. 19 Mar. 19 1 lt. 18 Oct. 19 accepted. 21 Oct. 19 | N. Y. 16 Dec. 81 |
| Keyser, Ernest W., 24 Oct. 19 | G | ..... | pvt. co. G, 12 inf. 10 Aug. 17 2 lt. 12 inf. 16 Aug. 18 1 lt. 24 Oct. 19 accepted. 27 Oct. 19 | Md. 10 Dec. 76 |
| Bowers, William C., 2d 16 Dec. 19 | A | pvt., u. s. a., 20 May 17 hon. dis. ... 3 Dec. 18 2 lt. inf. 3 Dec. 18 hon. dis. ... 2 Dec. 19 | 1 lt. 12 inf. 16 Dec. 19 accepted. 17 Dec. 19 | N. Y. 5 July 87 |
| Fiedler, Robert H., 18 Dec. 19 | I | mustered into u. s. ser. 26 June 16 out 2 Dec. 16 into 25 July 17 corp., sgt., co. K, 107 inf. hon. dis. ... 2 Apr. 19 | pvt. co. K, 7 inf. 9 June 16 dft. 5 Aug. 17 2 lt. 12 inf. 7 Aug. 19 1 lt. 18 Dec. 19 accepted. 22 Dec. 19 | N. Y. 15 Mar. 98 |

TWELFTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|--------------|--|---|--------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants</i> | | | | |
| Martin, Isaac Sidney, 5 dec. 16 reserve list.... 22 dec. 19 | sup. co. | | pvt. co. D, 32 inf. 3 may 89 dis. by disbandment... 20 may 92 pvt. co. D, 12 inf. 20 mar. 93 corp. 12 feb. 94 sgt. 11 mar. 95 regtl. qm. sgt. 1 june 08 bvt. 2 lt. 26 apr. 15 2 lt. depot bat. 12 inf. 5 dec. 16 2 lt. 12 inf. 5 sep. 17 accepted..... 15 sep. 17 | N. Y. 5 nov. 57 |
| Lockman, Frederic Irving, 11 oct. 17 hon. dis. 19 feb. 19 | E | | 2 lt. 12 inf. 11 oct. 17 accepted..... 15 oct. 17 | N. Y. 2 oct. 78 |
| Lynch, Edmund A., 14 mar. 18 hon. dis. 14 jan. 19 | | | 2 lt. 12 inf. 14 mar. 18 accepted..... 18 mar. 18 | Ireland 28 sep. 70 |
| Metcalf, Orlando P., 3 june 18 hon. dis. 16 apr. 19 | L | | pvt. 2 co. 9 c. a. c. 8 oct. 17 2 lt. 12 inf. 3 june 18 accepted..... 4 june 18 | Pa. 27 apr. 77 |
| Madison, Charles, 10 dec. 18 hon. dis. 18 apr. 19 | K | | pvt. hdq. co. 1 bat. 1 oct. 17 sgt. 4 nov. 17 2 lt. 10 dec. 18 accepted..... 20 dec. 18 | N. Y. 4 july 97 |
| Gillespie, Gardner F., 20 jan. 19 reserve list.... 29 oct. 19 | F | Camp Dix, Texas, 20 july 18 Taylor field, Ala., 8 sep. 18 flying cadet, hon. dis., 18 nov. 18 | 2 lt. 12 inf. 20 jan. 19 accepted..... 3 feb. 19 | Texas 29 mar. 90 |
| Eisfelder, Henry W., 11 feb. 19 | m. g. co. | sgt. maj., s. a. t. c., Col. univ., 1 oct. to 9 dec., 19. | pvt. m. g. co. 12 inf. 15 apr. 18 1 sgt. 15 apr. 18 hon. dis. 1 oct. 18 2 lt. 12 inf. 11 feb. 19 accepted..... 17 feb. 19 | N. Y. 25 mar. 98 |
| Murray, Herman S., 17 feb. 19 hon. dis. 21 nov. 19 | K | | pvt. tr. B, sq. A. 12 sep. 18 to tr. D. 18 jan. 19 2 lt. 12 inf. 12 feb. 19 accepted..... 27 mar. 19 | N. J. 3 aug. 88 |
| Linn, Arthur C., 17 oct. 19 | D | | pvt. d. b. 12 inf. 11 july 17 hon. dis. 27 nov. 17 pvt. co. D, 12 inf. 27 nov. 17 corp. 13 may 18 sgt. 24 dec. 18 2 lt. 12 inf. 17 oct. 19 accepted..... 20 oct. 19 | N. Y. 3 aug. 92 |
| Clark, William L., 23 oct. 19 | B | Am. amb. cpe., mar. to oct., 1919. pvt., corp., sgt., mar. cpe., july, 1917. hon. dis. 13 aug. 19 | pvt. co. K, 7 inf. 9 feb. 17 hon. dis. 19 july 17 2 lt. 12 inf. 23 oct. 19 accepted..... 27 oct. 19 | N. Y. 16 july 67 |

TWELFTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Matthews, William F., 19 nov. 19 | L | ..... | pvt. co. I, 12 inf. 10 aug. 03 full and hon. dis. 10 oct. 08 pvt. co. L, 12 inf. 13 may 18 sup. sgt. 13 may 18 2 lt. 12 inf. 19 nov. 19 accepted. 20 nov. 19 | N. Y. 23 oct. 85 |
| Williams, Daniel S., 23 dec. 19 | F | mustered into u. s. ser. 19 june 16 out 22 mar. 17 | pvt. co. M, 12 inf. 23 mar. 14 to n. g. r. 22 mar. 17 pvt. co. F, 12 inf. 29 aug. 18 sgt. 26 sep. 18 2 lt. 12 inf. 23 dec. 19 accepted. 26 dec. 19 | ..... |

FOURTEENTH INFANTRY, N. Y. G.

(Second Brigade)

Armory, 8th Avenue and 15th Street, Brooklyn

Organized as a Depot Unit, and mustered into the New York Guard as follows:

Machine Gun Company, Hempstead, organized as a Home Defense Unit and mustered into State service July 24, 1917, attached to 10th Infantry. Mustered into the New York Guard July 25, 1917, and transferred to the 14th Infantry, S. O. 58, A. G. O., November 22, 1917.

Company I, Flushing, mustered into State service as Company I, 10th Infantry, August 21, 1917. Mustered into the New York Guard September 25, 1917, and transferred to 14th Infantry, G. O. 58, A. G. O., November 22, 1917.

Company K, Inwood, mustered into the New York Guard October 25, 1917, as Company E, 23d Infantry, transferred to 14th Infantry, G. O. 64, A. G. O., December 22, 1917, and designated Company K.

Company I, 12th Infantry, Islip, became Company M, 14th Infantry, November 14, 1917, transferred to 8th Battalion December 22, 1917.

Other companies mustered into the New York Guard on dates as follows: Company A, November 26, 1917; Company B, November 21, 1917; Company C, October 31, 1917; Company D, November 14, 1917; Company E, November 12, 1917; Company F, November 16, 1917; Company G, November 16, 1917; Company H, March 29, 1918; Company M, March 29, 1918; Company L, April 17, 1918.

Company L, 23d Infantry, attached December 22, 1917; Company K, Inwood, transferred to Brooklyn, October 23, 1919.

June 18, 1918, Machine Gun Company redesignated Company M, and Company M, Machine Gun Company.

The regiment has authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Advance into Virginia, May 24, 1861; Bull Run, Va., July 21, 1861; Ball's Cross Roads, Va., August 27, 1861; Upton's Hill, Va., October 5, 1861; Binn's Hill, Va., November 18, 1861; Falmouth, Va., April 17-18, 1862; Carmel Church, Va., July 23, 1862; Massaponax, Va., August 8, 1862; General Pope's campaign, Va., August 16-September 3, 1862; Rappahannock River, Va., August 21, 1862; Rappahannock Station, Va., August 23, 1862; Sulphur Springs, Va., August 26, 1862; Gainesville, Va., August 28, 1862; Groveton, Va., August 29, 1862; Second Bull Run, Va., August 30, 1862; South Mountain, Md., September 14, 1862; Keedysville, Md., September 15-16, 1862; Antietam, Md., September 17, 1862; Fredericksburg, Va., December 13-15, 1862; Port Royal, Va., April 22-23, 1863; Fitzhugh's Crossing, Va., April 29-May 2, 1863; Chancellorsville, Va., May 3, 1863; Gettysburg, Pa., July 1-3, 1863; Mine Run, Va., November 28-30, 1863; Wilderness, Va., May 5-7, 1864; Spottsylvania, Va., May 8-21, 1864; Piney Branch Church, Va., May 8, 1864; Laurel Hill, Va., May 10, 1864; Spanish-American War, 1898; World War, 1919.

On the State Color.—Fire Island, September, 1892; Brooklyn, January, 1895.

FOURTEENTH INFANTRY — NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Baldwin, Frederick W., 22 nov. 17 | | | pvt. co. G, 23 inf. 29 oct. 86 hon. dis. 25 jan. 92 pvt. co. D, 14 inf. 7 may 00 to 24 may 01 2 lt. co. D, 14 inf. 24 may 01 cap. 4 june 03 maj. 14 inf. 29 nov. 05 resigned. 14 nov. 16 r. l., maj. 11 may 17 duty with depot bat., 14 inf. 16 june 17 col. 14 inf. 22 nov. 17 accepted. 28 nov. 17 | N. Y. 4 may 67 |
| <i>Lieutenant Colonel</i> | | | | |
| Mets, Herman August, 4 dec. 17 | | | 1 lt. bat. qm. 14 inf. 3 may 06 cap. comay. sub. 20 dec. 06 r. l. 21 may 15 lt. col. 14 inf. 4 dec. 17 accepted. 7 dec. 17 | N. Y. 19 oct. 67 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|-----------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Wonderly, Elbert Eugene, 4 dec. 17 | ..... | mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16 | pvt., corp., agt., qm. agt., 1 agt., co. A, 1 inf., N. G. N. J. 21 feb. 02 to 28 june 06 2 lt. 28 june 06 resigned. 28 dec. 06 2 lt. 14 inf. N. G. N. Y. 24 apr. 08 1 lt. 24 mar. 10 cap. 23 dec. 10 resigned. 27 mar. 17 cap. depot bat. 14 inf. 18 july 17 cap. 14 inf. 5 sep. 17 maj. 4 dec. 17 accepted. 6 dec. 17 n. g. r. 12 mar. 19 | N. J. 23 apr. 73 |
| Zahn, Lewis John, 4 dec. 17 | ..... | ..... | pvt. co. D, 14 inf. 1 may 05 corp. 21 may 06 2 lt. co. D, 14 inf. 25 oct. 06 1 lt. 16 may 07 cap. 14 inf. 23 dec. 10 resigned. 20 feb. 11 cap., r. l. 7 may 17 duty with depot bat. 14 inf. 18 july 17 cap. 14 inf. 18 july 17 maj. 14 inf. 4 dec. 17 accepted. 7 dec. 17 | N. Y. 18 aug. 82 |
| Norman, George Sloan, 4 dec. 18 | sup. officer | mustered into u. s. ser..... 1 aug. 16 out 11 oct. 17 | pvt. tr. E, 1 cav. 9 nov. 14 2 lt. 14 inf. 1 june 16 resigned. 14 nov. 16 2 lt., r. l. 17 may 17 duty with d. b., 14 inf., 18 july 17 2 lt. 14 inf. 18 july 17 cap. 14 inf. 4 dec. 17 accepted. 6 dec. 17 maj. 4 dec. 18 accepted. 6 dec. 18 n. g. r. 4 apr. 19 | Pa. 14 dec. 85 |
| <i>Captains</i> | | | | |
| Byron, John Joseph, 23 jan. 15 | H | mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16 into 20 july 17 53 pioneer inf., a. g. dept., hon. dis., 23 sep. 19 | pvt., corp., agt., co. H, 14 inf. 19 may 04 to 2 dec. 10 2 lt. 14 inf. 2 dec. 10 1 lt. 6 feb. 13 cap. 28 jan. 15 accepted. 1 feb. 15 dft. 5 aug. 17 r. l. 10 oct. 19 cap. 14 inf. 14 nov. 19 accepted. 24 nov. 19 | N. Y. 12 may 83 |
| Hetsel, Foster Greer, 12 mar. 15 | F | mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16 into 20 july 17 cap. 106 inf.; hon. dis. 22 may 19 | pvt., corp., agt., 7 co. c. a. c. 9 apr. 07 to 11 feb. 11 2 lt. 14 inf. 11 feb. 11 1 lt. 23 jan. 13 cap. 12 mar. 15 accepted. 15 mar. 15 dft. 5 aug. 17 r. l. 9 june 19 cap. 14 inf. 11 oct. 19 accepted. 20 oct. 19 | N. J. 4 aug. 89 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|----------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Blume, John Herman, 14 june 17 | E | | Pvt. co. B, 47 inf. 10 dec. 00 corp. 9 feb. 03 sgt. 3 apr. 05 1 sgt. 24 apr. 05 1 lt. 47 inf. 24 apr. 08 with rank from. 16 apr. 08 cap. 23 dec. 10 resigned. 25 jan. 12 cap. 47 inf., d. b. 14 june 17 cap. 47 inf., with o. r. 7 sep. 17 r. l. 19 oct. 17 cap. 14 inf., with o. r. 30 oct. 17 accepted. 2 nov. 17 1 prov. regt. 27 oct. 17 relieved. 5 july 18 | N. Y. 2 dec. 79 |
| Appleton, Edwin N., 14 nov. 17 hon. dis. 14 nov. 19 | i. s. a. p. | U. S. m. c. 14 jan. 98 to 13 jan. 03 U. S. A. 14 feb. 08 15 mar. 15 | cap. 47 inf. 14 nov. 17 trans. 14 inf. 8 apr. 18 | N. Y. 28 aug. 77 |
| Thompson, William, 23 nov. 17 | K | | cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17 to 14 inf. 14 feb. 18 | |
| Alford, Thomas Kennedy, 4 dec. 17 reserve list. 3 feb. 19 | adj. | | pvt. tr. C, cav. 8 apr. 01 dropped. 12 jan. 04 taken up, sq. C. 18 dec. 05 corp. 8 june 08 full and hon. dis. 8 aug. 10 1 lt. d. b., 14 inf. 5 aug. 16 1 lt. 14 inf. 5 sep. 17 cap. 4 dec. 17 accepted. 6 dec. 17 | N. Y. 14 apr. 82 |
| Bellows, LeRoy Calvin, 17 dec. 17 | B | | pvt., corp., co. A, 1 inf. N. G. N. J., tra. co. I, tra. co. A, sgt., 1 sgt. 21 feb. 02 to 14 mar. 07 2 lt. (A), 1 inf. 14 mar. 07 resigned. 5 mar. 08 1 lt. 14 inf., N. G. N. Y. 14 may 08 resigned. 2 jan. 15 r. l. 3 aug. 16 duty with d. b., 14 inf., 18 july 17 1 lt. 14 inf. 18 july 17 cap. 14 inf. 17 dec. 17 accepted. 19 dec. 17 | N. J. 13 june 77 |
| White, William Elmer, 18 dec. 17 reserve list. 21 june 19 | F | 1 sgt. with 47 regt. N. Y. inf., U. S. vols. 24 may 98 com. 2 lt. 26 sep. 98 1 lt. at Porto Rico, 18 jan. 99 hon. dis. at Brooklyn by reason of mus- ter out of regt., 31 mar. 99 | pvt. co. D, 47 inf. 20 jan. 90 corp. 1 sep. 91 sgt. 11 jan. 93 hon. dis. 5 june 95 re-enlisted 47 inf. 2 may 98 sgt. 2 may 98 cap. 14 inf. 18 dec. 17 accepted. 9 jan. 18 1 prov. regt. 6 july 18 relieved. 12 jan. 19 | N. Y. 27 apr. 70 |
| Zahn, Archie B., 8 jan. 18 | D | | pvt. co. D, 14 regt. 14 oct. 07 corp. 18 may 08 2 lt. 6 jan. 09 1 lt. 17 may 11 cap. 6 may 14 full and hon. dis. 28 apr. 16 r. l. 29 may 18 cap. 14 inf. 8 jan. 18 accepted. 21 jan. 18 | N. Y. 8 feb. 87 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Martin, Arthur L. L., 31 jan. 18 f. and h. dis. . . . 4 aug. 19 | H | mustered into u. s. ser. 7 July 16 out 11 oct. 16 | pvt. tr. C. 25 may 98 hon. dis. 14 jan. 99 2 lt. 14 feb. 07 1 lt. 26 mar. 08 hon. dis. 16 sep. 10 2 lt. 47 inf. 6 may 11 full and hon. dis. . . . 16 may 13 1 lt. 14 inf. 30 June 16 r. l. 5 may 17 cap. 14 inf. 31 jan. 18 accepted 4 feb. 18 n. g. r. 14 mar. 19 | Fla. 29 aug. 75 |
| Guise, Joseph B., 7 feb. 18 reserve list. . . . 30 sep. 19 | | pvt. co. D, 4 regt. N. J. vols. July 1898 to 8 oct. 98 mustered into u. s. ser. 7 July 16 out 11 oct. 16 | pvt. co. G, 4 regt. . . . 25 may 93 re-enlisted. 25 may 98 re-enlisted. 25 may 99 pvt. 15 sep. 99 corp. 19 apr. 00 sgt. 10 may 00 re-enlisted. 25 may 00 pvt. 24 oct. 00 trans. to co. H. 3 jan. 01 sgt. 16 may 01 re-enlisted. 25 may 01 re-enlisted. 25 may 02 com. sgt. 15 sep. 02 trans. to co. L. 14 apr. 03 sgt. 24 apr. 03 re-enlisted. 25 may 03 1 sgt. 29 June 03 re-enlisted. 25 may 04 re-enlisted. 25 may 05 1 lt. 30 mar. 06 res. 7 mar. 07 1 lt. 14 inf. 26 feb. 07 cap. 14 inf. 16 mar. 08 full and hon. dis. 8 dec. 14 1 lt. 14 inf. 30 June 16 cap. 4 apr. 17 dis. 27 July 17 cap. 7 feb. 18 accepted 11 feb. 18 | Ger 28 apr. 76 |
| Carman, Edward Remsen, 27 mar. 18 | I | | pvt. 17 co. 5 nov. 03 corp. 10 June 04 sgt. 7 apr. 10 full and hon. dis. 6 oct. 10 1 lt. 14 inf. 20 nov. 17 cap. 27 mar. 18 accepted 29 mar. 18 | N. Y. 3 Jan. 85 |
| Young, Samuel E., 25 apr. 18 | chap. | | cap. 14 inf. 25 apr. 18 accepted 25 apr. 18 | O. 6 June 66 |
| Van de Water, Reginald Leverett, 1 July 18 | M | | 1 lt. d. b., 10 inf. . . . 24 July 17 assigned 47 inf. 26 sep. 17 1 lt. m. g. co., 14 inf. . . 23 Nov. 17 cap. 1 July 18 accepted 5 July 18 1 prov. regt. — | N. Y. 18 apr. 84 |
| Lachlan, Bruce S., 19 July 18 hon. dis. 4 aug. 19 | C | | 1 lt. 14 inf. 10 May 98 cap. 14 inf. 19 July 18 accepted 23 July 18 | Cal. 12 Aug. 74 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|-------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Continued</i> | | | | |
| Magor, Frederick James, 13 dec. 18 | E | ..... | pvt. co. E, 47 inf. 28 mar. 10 corp., sgt., 1 sgt., full and hon. dis. 27 sep. 15 2 lt. d. b. 47 inf. 2 aug. 17 1 lt. 47 inf. 5 sep. 17 r. l. 19 oct. 17 1 lt. 14 inf. 30 oct. 17 cap. 13 dec. 18 accepted 21 dec. 18 | N. Y. 12 mar. 12 |
| Belcher, Leslie, 17 dec. 19 | adj. | Maine c. a. c., 1910 to 1914. corp., sgt., 2 lt. | 1 lt. 14 inf. 17 dec. 17 cap. 13 feb. 19 accepted 17 feb. 19 | N. Y. 19 dec. 79 |
| Baldwin, Frederick A., 26 feb. 19 | G | ..... | pvt. co. E, 47 inf. 28 may 06 hon. dis. 6 apr. 08 re-enlisted. 12 oct. 08 corp. 12 oct. 08 sgt. 22 mar. 09 1 sgt. 10 apr. 11 full and hon. dis. 29 apr. 12 2 lt. d. b., 47 inf. 8 aug. 16 resigned. 2 may 17 1 lt. 14 inf. 23 nov. 17 cap. 26 feb. 19 accepted 1 mar. 19 1 prov. regt. 18 dec. 17 relieved 18 nov. 18 | N. Y. 18 July 89 |
| Stoutenburgh, Gilbert, 3 apr. 19 | L | ..... | pvt. co. I, 14 inf. 21 aug. 17 sgt. 5 dec. 17 2 lt. 14 inf. 4 dec. 18 cap. 3 apr. 19 accepted 8 apr. 19 | N. Y. 8 Jan. 79 |
| Wilson, Matthew J. A., 18 June 19 | C | pvt. co. I, 14 N. Y. inf. 2 May 98 to 27 Oct. 98 mustered into u. s. ser. 7 July 16 out 11 Oct. 16 into 15 July 17 hon. dis. 2 Apr. 19 | pvt. co. I, 14 inf. 14 mar. 98 corp. 22 Jan. 00 sgt. 24 Mar. 02 qin. sgt. 20 June 04 1 sgt. 18 Dec. 05 2 lt. (I) 14 inf. 29 Feb. 08 with rank from. 20 Feb. 08 1 lt. 9 Nov. 08 with rank from. 22 Oct. 08 cap. 18 Apr. 12 f. and h. dis. 8 Dec. 14 1 lt. 30 June 16 resigned. 13 July 17 1 lt. 14 July 17 with rank from. 30 June 16 accepted 14 July 17 dft. 5 Aug. 17 cap. 14 inf. 18 June 19 accepted 21 July 19 | N. Y. 12 Feb. 80 |
| Westervelt, Henry R., 15 Aug. 19 | sup. co. | ..... | enlisted d. b., 14 inf. — June 16 bat. sup. sgt. — Aug. 16 bat. sgt. maj. — Jan. 17 1 lt. 14 inf. 4 Dec. 17 cap. 15 Aug. 19 accepted 16 Aug. 19 | N. J. 16 Sep. 73 |
| <i>First Lieutenants</i> | | | | |
| Meserole, Frank D., 23 Nov. 17 | K | ..... | 1 lt. 23 inf. 23 Nov. 17 accepted 1 Dec. 17 to 14 inf. 14 Feb. 18 | ..... |

FOURTEENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------------|--|--|-------------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Steurer, William, 7 dec. 17 | B | | pvt. co. E, 14 inf. 5 apr. 99 dropped 16 nov. 00 taken up 18 feb. 01 corp 4 june 02 sgt 16 june 06 2 lt. 14 inf. 16 feb. 11 resigned 30 mar. 14 r. l. 19 july 16 2 lt. depot bat. 14 inf. 18 july 17 2 lt. 14 inf. 18 july 17 1 lt. 7 dec. 17 accepted 19 dec. 17 | N. Y. aug. 80 |
| Marquand, Frederick H., 12 mar. 18 | asst. i. s. a. p. | | pvt. co. C, 13 regt. 7 feb. 85 sgt 22 jan. 91 hon. dis. 11 aug. 92 pvt. tr. C 16 dec. 95 trans. tr. C 13 jan. 98 hon. dis. 31 dec. 98 1 lt. 14 inf. 20 mar. 02 full and hon. dis. 16 oct. 07 1 lt. 14 inf. 12 mar. 18 accepted 15 mar. 18 | N. Y. 20 oct. 65 |
| Bell, Royden S., 12 apr. 18 | C | | 2 lt. 14 inf. 30 oct. 17 1 lt. 12 apr. 18 accepted 15 apr. 18 | N. Y. 24 jan. 85 |
| Smith, George H., 20 may 18 hon. dis. 6 feb. 19 | | U. S. N., 1903-1907. 1 lt. sig. corps U. S. r., 1916-1917. | pvt. 2 co. sig. corps. 6 jan. 08 dropped 6 nov. 09 1 lt. 14 inf. 20 may 18 accepted 22 may 18 | N. Y. 26 nov. 86 |
| Roe, Clarence Whitting, 24 may 18 | I | | enl. 17 sep. co. 8 sep. 96 corp 6 june 99 sgt 28 feb. 01 dis. 15 feb. 12 2 lt. 14 inf. 20 nov. 17 1 lt. 24 may 18 accepted 27 may 18 | N. Y. 17 july 77 |
| Mulliner, Edwin B., 17 july 18 | M | | m. g. co. 14 inf., N. Y. G. 25 july 17 2 lt. 14 inf. 26 dec. 17 trans. co. M 19 june 18 1 lt. 17 july 18 accepted 19 july 18 | N. Y. 1 st mar. 87 |
| Vose, Richard H., 14 aug. 18 f. and h. dis. 23 apr. 19 | D | | pvt. co. C, 7 inf. 14 feb. 04 corp 14 feb. 08 hon. dis. 20 june 12 2 lt. 14 inf. 11 july 12 1 lt. 25 may 14 full and hon. dis. 7 jan. 16 1 lt. 14 inf. 14 aug. 18 accepted 15 aug. 18 | N. Y. 23 feb. 86 |
| Cochran, James, 3 oct. 18 reserve list. 7 aug. 19 | asst. i. s. a. p. | | pvt. tr. C 12 nov. 00 trans. tr. 6 29 dec. 04 dropped 7 may 06 1 lt. 14 inf. 3 oct. 18 accepted 7 oct. 18 | N. Y. 21 nov. 76 |
| Gorton, Sheridan, Jr., 4 dec. 18 | | | seaman, 1 div. 2 bat. 19 july 04 dropped 30 sep. 07 pvt. 7 inf. 7 dec. 17 1 sgt. 18 2 lt. 30 july 18 1 lt. 4 dec. 18 accepted 9 dec. 18 | Pa. 22 sep. 79 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| First Lieutenants—Cont'd | | | | |
| Morch, Sidney Nicholas, 18 dec. 18 | E | mustered into u. s. ser. 30 mar. 17 out 18 apr. 17 | pvt. co. D, 47 inf. 28 mar. 10 corp. 10 mar. 13 dis. 12 July 15 re-enlisted 12 July 15 2 lt. 47 inf. 5 sep. 17 r. l. 19 oct. 17 2 lt. 14 inf. 30 oct. 17 with rank from 5 sep. 17 1 lt. 18 dec. 18 accepted 23 dec. 18 | N. Y. 25 dec. 90 |
| Muir, De Grove, 26 feb. 19 | bat. adj. | | pvt. tr. D, 2 cav. 1 may 05 full and hon. dis. 3 feb. 13 2 lt. 14 inf. 12 apr. 18 1 lt. 26 feb. 19 | N. Y. 1 may 13 |
| Von der born, Charles J., 9 June 19 | L | . o. t. c. 31 may 17 152 d. b. 14 aug. 17 c. o. t. s. 15 oct. 18 hon. dis. 7 dec. 18 | pvt. co. I, 10 inf. 5 dec. 06 corp. 21 Jan. 10 sgt. 21 Jan. 13 full and hon. dis. 12 mar. 15 re-enlisted and warrant con. mess sgt. 1 feb. 17 full and hon. dis. 31 may 17 1 lt. 14 inf. 9 June 19 accepted 17 June 19 | N. Y. 2 sep. 87 |
| Becker, Walter F., 13 aug. 19 | D | | pvt. co. D, 14 inf. 12 aug. 18 corp. 6 nov. 18 sgt. 20 feb. 19 2 lt. 14 inf. 4 apr. 19 1 lt. 13 aug. 19 accepted 16 aug. 19 | N. Y. 23 dec. 96 |
| Hays, Sanderson W., 16 aug. 19 | bat. adj. | n. a. 23 July 18 hon. dis. 17 dec. 18 | pvt. co. H, 14 inf. 20 may 18 sgt. 15 July 18 hon. dis. 29 July 18 2 lt. 14 inf. 3 apr. 19 1 lt. 16 aug. 19 accepted 18 aug. 19 | Mass. 26 sep. 88 |
| Depp, Peter Michael, 16 aug. 19 | F | mustered into u. s. ser. 18 July 16 out 11 oct. 16 into 31 July 17 hon. dis. 5 aug. 17 | pvt. co. K 22 apr. 12 corp. 16 mar. 14 sgt. 9 nov. 14 full and hon. dis. 28 June 15 re-enlisted 28 June 15 2 lt. 10 July 16 accepted 10 July 16 r. l. 25 June 19 1 lt. 14 inf. 16 aug. 19 accepted 25 aug. 19 | N. Y. 16 Jan. 94 |
| Hunt, Clyde R., 19 sep. 19 | bat. adj. | 22 inf. 22 mar. 17 1 g. group 3 8 oct. 18 to 29 nov. 18 c. o. t. s. | 1 lt. 14 inf. 19 sep. 19 accepted 3 oct. 19 | N. Y. 30 oct. 92 |
| Second Lieutenants | | | | |
| Gould, Albert H., 23 nov. 17 hon. dis. 14 nov. 19 | K | | 2 lt. 23 inf. 27 nov. 17 accepted 1 dec. 17 to 14 inf. 14 feb. 18 | |
| Martin, Theodore V., 18 dec. 17 reserve list. 9 June 19 | F | | pvt. co. B, 47 inf. 6 mar. 94 corp. 12 mar. 00 hon. dis. 8 oct. 00 2 lt. 14 inf. 18 dec. 17 accepted 22 dec. 17 | N. Y. 17 nov. 73 |
| Williams, Rensen T., 14 mar. 18 reserve list. 31 dec. 19 | A | v. c. a., June, 1917 sep., 1917. | pvt. 7 co. 9 c. a. c. 8 oct. 17 2 lt. co. A, 14 inf. 14 mar. 18 accepted 18 mar. 18 | N. Y. 16 sep. 83 |

FOURTEENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name grade date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Cole, Everitt Judson, 20 may 18 hon. dis. 20 mar. 19 | H | ..... | pvt. 5 co. 13 c. a. c. 17 nov. 17 corp. 8 jan. 18 sgt. 12 mar. 18 trans. co. H, 14 inf. 1 apr. 18 sgt. 17 apr. 18 2 lt. 14 inf. 20 may 18 accepted. 28 may 18 | N. Y. 2 dec. 90 |
| Foster, Oscar R., 9 july 18 reserve list. 23 apr. 19 | sup. co. | ..... | 2 lt. 14 inf. 9 july 18 accepted. 15 july 18 | N. Y. 28 feb. 76 |
| Sibbs, Samuel S., Jr., 27 aug. 18 | m. g. co. | sig. r. c. 20 aug. 17 318 f. s., 9 bat., 10 may 18 2 lt. sig. corps, 27 aug. 18 421 tel. bat., hon. dis., 12 feb. 19 | 2 lt. 14 inf. 16 aug. 19 accepted. 18 aug. 19 | Pa. 26 sep. 93 |
| Kats, Abraham, 5 sep. 18 | hdq. co. | 5 u. s. inf. 8 aug. 08 to 9 july 10 | 2 lt. 14 inf. 5 sep. 18 accepted. 9 sep. 18 | 20 aug. 85 |
| Rodgers, Edgar J., 4 dec. 18 | I | ..... | pvt. co. I. 11 sep. 17 sgt. 17 jan. 18 2 lt. 14 inf. 4 dec. 18 accepted. 6 dec. 18 | N. Y. 2 aug. 92 |
| Framan, Murray J., 31 jan. 19 | H | mustered into u. s. ser. 1 aug. 16 out 11 oct. 16 into 20 july 17 2 lt. inf. 31 jan. 19 hon. dis. 7 july 19 | pvt. co. H, 14 inf. 24 may 15 artificer. 3 jan. 16 corp. — feb. 16 sgt. 19 july 16 1 sgt. 1 july 7 dft. 5 aug. 17 2 lt. 14 inf. 14 nov. 19 accepted. 24 nov. 19 | N. Y. 4 apr. 97 |
| Eaton, Thomas D., 13 feb. 19 | E | 1 co. 152 d. b., 28 sep. 17 sgt. 5 jan. 18 2 lt. 57 f. a. 17 aug. 18 hon. dis. 7 dec. 18 | 2 lt. 14 inf. 13 feb. 19 accepted. 25 apr. 19 | N. Y. 10 aug. 89 |
| Cowen, Edward, 3 apr. 19 | L | pvt. av. cps., 12 dec. 17 hon. dis. 23 june 18 s. a. t. c., 1 oct to 11 dec. 18. | 2 lt. 14 inf. 3 apr. 19 accepted. 10 apr. 19 | N. Y. 27 mar. 98 |
| Corcoran, Anthony W., 4 apr. 19 | C | r. o. t. c., 2 lt., 16 sep. 18 | 2 lt. 14 inf. 4 apr. 19 accepted. 9 apr. 19 | N. Y. 3 june. 97 |
| Morgan, Alan S., 9 june 19 | G | ..... | pvt. 9 c. d. c. 28 june 09 corp. 13 june 13 qm. sgt. 29 june 14 pvt. co. I, 14 inf. 3 aug. 17 sup. sgt. — sep. 17 2 lt. 14 inf. 9 june 19 accepted. 13 june 19 | Mass. 8 nov. 89 |
| Markel, Jesse M., 18 sep. 19 | sup. co. | ..... | pvt. m. g. co. 47 inf. 19 nov. 17 corp. 10 jan. 18 sgt. 28 may 18 to co. B, 69 inf. 18 dec. 18 sgt. 5 apr. 19 2 lt. 14 inf. 18 sep. 19 accepted. 19 sep. 19 | N. Y. 28 apr. 96 |

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants — Con- cluded</i> | | | | |
| Baldwin, Frederic W. Jr, 19 sep. 19 | B | sgt. co. E, 308 inf., 23 sep. 17 hon. dis. 25 jan. 19 | 2 lt. 14 inf. 19 sep. 19 accepted 27 sep. 19 | N. Y. 23 aug. 95 |
| Macre, Frank J., 24 sep. 19 | D | ..... | pvt. co. D, 14 inf. 15 july 18 corp. 6 nov. 18 sup. sgt. 23 apr. 19 2 lt. 14 inf. 24 sep. 19 accepted 27 oct. 19 | N. Y. 18 nov. 90 |
| Weekes, Floyd S., 14 nov. 19 | M | mustered into u. s. a. ser. 20 july 17 51 pioner inf., p hon. dis. 19 aug. 19 | pvt. m. g. co. 10 inf. 23 june 18 dft. 5 aug. 17 pvt. co. M, 14 inf. 4 sep. 19 2 lt. 14 inf. 14 nov. 19 accepted 15 nov. 19 | ..... |

FIFTEENTH INFANTRY, N. Y. G.
(First Brigade)

Armory 2217 Seventh Avenue, New York City

Organized as a Depot Battalion N. G., N. Y., July, 1917. Mustered into the New York Guard as follows: Company A, November 5, 1917; Company B, November 22, 1917; Company C, December 19, 1917; Company D, March 3, 1918; Company E, July 5, 1918; Company F, October 9, 1918; Company G, February 5, 1919; Company I, April 29, 1919; Company H, June 19, 1919; Machine Gun Company, June 19, 1919; Sanitary Detachment, April 5, 1918.
Regimental formation authorized July 31, 1918. July 25, 1919, re-designation as follows: Company B to be Company M; Company E to be Company I; Company F to be Company K; Company G to be Company L; Company H to be Company B; Company I to be Company E. Station of First and Third Battalions to be New York City; station of Second Battalion to be Brooklyn.

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Schieffelin, Wm. J., 30 July 18 | | mustered into u. s. ser. 28 June 16 out 10 mar. 17 | pvt. tr. B, sq. A .....—oct. 14 2 lt. 28 June 16 1 lt. 24 oct. 16 hon. dis. 3 apr. 17 col. 15 inf. 30 July 18 accepted 31 July 18 | N. Y. 30 nov. 91 |
| <i>Lieutenant Colonel.</i> | | | | |
| Fillmore, Charles W., 8 apr. 19 | | 1 lt. 9 u. s. vol. inf. Ohio N. G., 15 June 98 bat. adj. comdnt. co. F, dis. 15 nov. 98 mustered into u. s. ser. 25 July 17 cap. 369 inf., statisti- cal officer, 92 div. 28 July 18 366 inf. 12 aug. 18 adj. 370 inf. 15 sep. 18 hon. dis. 28 feb. 19 | enlisted in Duquesne Blues, Ohio N. G. 20 jan. 79 hon. dis. 20 jan. 84 re-enlisted pvt. co. A, 9 bat. inf. 4 apr. 84 hon. dis. 17 jan. 87 pvt. co. A, 9 bat. inf. 15 oct. 96 9 bat. inf. 15 oct. 96 1 lt. 21 nov. 96 major. 25 feb. 97 hon. dis. 14 apr. 99 cap. 15 inf. N. Y. N. G. 18 July 16 accepted 24 July 16 dft. 5 aug. 17 lt. col. 15 inf. 8 apr. 19 accepted 10 apr. 19 | Ohio 17 apr. 69 |
| <i>Majors</i> | | | | |
| Tandy, Vertner W., 22 nov. 17 hon. dis. 23 may 19 | | | pvt. co. K, 15 inf. 18 sep. 16 1 sgt. 26 sep. 16 1 lt. 11 dec. 16 cap. 18 may 17 dis. for physical disa- bility. 1 aug. 17 cap. 15 bat. 17 aug. 17 maj. 15 bat. 22 nov. 17 accepted 28 nov. 17 | Ky. 17 may 85 |
| Jackson, William H., 14 oct. 18 | | pvt. co. L, 6 Mass., mar. 27-Apr. 20, 91 1 lt. 20 apr. 91-9 sep. 99 1 lt. 6 Mass. u. s. v., 6 may 98-21 jan. 99 cap. 48 u. s. v., 9 sep. 99-30 June 01. | major, 15 inf. 14 oct. 18 accepted 24 oct. 18 | Va. 30 June 72 |
| Chisholm, Frank R., 30 June 19 | | pvt. co. L, 6 Mass. inf. u. s. v., 26 apr. 98 hon. dis. 20 jan. 99 2 lt. 48 inf. u. s. v., 14 sep. 99 hon. dis. 30 June 01 o. t. e. 15 June 17 to 15 oct. 17 1 lt. 367 inf. 1 nov. 18 hon. dis. 1 apr. 19 | cap. 15 inf. 19 may 19 major. 30 June 19 accepted 2 July 19 | S. C. 4 Jan. 78 |

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains</i> | | | | |
| Meehan, Lawrence V., 21 aug. 18 | adj. | pvt. co. M, 12 N. Y. v. 2 may 98 1 sgt. 13 may 98 2 lt. 20 june 98 1 lt. 31 jan. 99 hon. dis. ... 20 apr. 99 | pvt. co. H. 12 may 91 corp. 17 apr. 93 sgt. 20 nov. 93 1st sgt. 4 mar. 95 bat. sgt.-maj. 13 may 97 full and hon. dis. 16 apr. 00 1 lt. r. l. 28 apr. 17 cap. 15 inf. 21 aug. 18 accepted. 3 aug. 18 | N. Y. 5 aug. 73 |
| Nail, John Edw., 26 aug. 18 | sup. co. | ..... | 1 lt. 15 bat. 17 jan. 18 cap. 26 aug. 18 accepted. 12 sep. 18 | Conn. 22 aug. 84 |
| Brooks, William H., 19 oct. 18 | chap. | ..... | cap. 15 inf. 2 may 17 accepted. 3 may 17 hon. dis. 23 july 17 cap. 19 oct. 18 accepted. 24 oct. 18 | Md. 6 sep. 59 |
| Parks, Virgil H. 6 nov. 18 | A | pvt. tr. A, 10 u. s. c., 13 july 98 full and hon. dis., 25 nov. 99 re-enlisted co. G, 25 u. s. inf., 3 mar. 00 hon. dis. ... — | pvt. co. C, 15 inf. 17 aug. 16 1 lt. 2 sep. 16 hon. dis. 7 july 17 cap. 15 inf. 6 nov. 18 accepted. 10 nov. 18 | Ky. 24 mar. 82 |
| Harris, George W., 27 nov. 18 | i. s. a. p. | ..... | cap. 15 inf. 27 nov. 18 accepted. 6 dec. 18 | Kan. 1 aug. 84 |
| Cooper, Frederick H., 10 dec. 18 | I | U. S. N. 10 may 01 hon. dis. ... 9 may 05 | pvt. co. B, 15 inf. 10 aug. 16 hon. dis. 7 aug. 17 2 lt. 24 may 18 1 lt. 15 inf. 18 sep. 18 cap. 10 dec. 18 accepted. 13 dec. 18 | 11 oct. 82 |
| Lacy, George C., 6 may 19 | m. g. co. | mustered into u. s. ser. 25 july 17 1 lt. 370 inf. 1 aug. 18 to d. b. camp Upton, 9 feb. 19 hon. dis. ... 7 may 19 | pvt. co. B, 15 inf. 7 aug. 16 1 sgt. 1 lt. 2 mar. 17 2 lt. 6 apr. 17 1 lt. 14 july 17 accepted. 15 july 17 dft. 5 aug. 17 cap. 15 inf. 6 may 19 accepted. 21 may 19 | Ohio 7 june 96 |
| Reid, Dennis L., 19 may 19 | B | mustered into u. s. ser. 25 july 17 2 lt. 369 inf., hon. dis. 26 feb. 19 | 2 lt. 15 inf. 14 july 17 accepted. 21 july 17 dft. 5 aug. 17 cap. 15 inf. 19 may 19 accepted. 22 may 19 | Va. 1 oct. 80 |
| Davidson, Eugene L. C., 9 june 19 | L | mustered into u. s. ser. 15 oct. 17 to 19 may 19 | cap. 15 inf. 9 june 19 accepted. 10 june 19 | D. C. 3 may 96 |
| Rivers, Francis E., 28 june 19 | K | mustered into u. s. ser. 1 lt. 367 inf., 15 oct. 17; to 351 m. g. btl., 16 sep. 18; hon. dis. 6 mar. 19 | cap. 15 inf. 28 june 19 accepted. 2 july 19 | Mo. 30 july 93 |
| Hooper, Chauncey M., 30 june 19 | C | 2 lt. 367 inf., 1 nov. 18 hon. dis. ... 10 apr. 19 | 1 pvt. 15 inf. 14 july 16 hon. dis. 31 oct. 18 1 lt. 15 inf. 29 may 19 cap. 30 june 19 accepted. 8 july 19 | N. J. 5 june 94 |

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name grade date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|----------------------|---|---|---|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains — Concluded</i> | | | | |
| Lane, Charles E., Jr., 12 July 19 | M | o t. c. 15 June 17 to 15 Oct. 17 1 lt. inf. 17 Oct. 17 hon. dis. 23 May 19 | cap. 15 inf. 12 July 19 accepted. 15 July 19 | Va. 22 Jan. 91 |
| <i>First Lieutenants</i> | | | | |
| Ward, Robert L., 15 Oct. 17 | I | co. L, 25 inf., 24 Feb. 07 hon. dis. 23 Feb. 10 1 lt. inf. 15 Oct. 17 92 div. and 158 d.b. hon. dis. 7 Mar. 19 | 1 lt. 15 inf. 6 June 19 accepted. 12 June 19 | Ala. 5 June 91 |
| Richards, Edward L., 14 Jan. 18 reserve list. . . . 12 July 19 | A | pvt. co. L, 6 Mass. V. M. — Mar. 00 corp., sgt., dis., — Jan. 07 | 1 lt. 15 inf. 14 Jan. 18 accepted. 21 Jan. 18 | 31 Va. Jan. 72 |
| Williams, James P., 17 Jan. 18 | B | ..... | 1 lt. 15 btn. 17 Jan. 18 accepted. 23 Jan. 18 | N. Y. 2 Apr. 88 |
| Craig, Luke F., 17 Jan. 18 | F | ..... | pvt. co. C, 15 inf. . . . 12 July 16 hon. dis. 16 June 17 1 lt. 15 inf. 17 Jan. 18 accepted. 21 Jan. 18 | N. Y. 25 Nov. 92 |
| Basil, Wilfred F., 18 Sep. 18 | F | Brit. Army, 1896- 1908. 2 lt. 351 m. g. btn., 15 June 17 to 15 Oct. 17 | pvt. co. A, 15 inf. . . . 1 July 16 dis. 16 June 17 2 lt. 15 btn. 20 May 18 1 lt. 15 inf. 18 Sep. 18 accepted. 25 Sep. 18 | B. W. I. 7 Sep. 80 |
| Evans, Luther, 18 Sep. 18 | asst. i. s. a. p. | U. S. N. 14 Feb. 12 to 12 Feb. 16 | 2 lt. 15 btn. 8 Apr. 18 1 lt. 15 inf. 18 Sep. 18 accepted. 26 Sep. 18 | Va. 18 Sep. 18 |
| Morris, Jacob A., 18 Sep. 18 | B | ..... | pvt. co. D, 15 inf. . . . 15 July 16 corp. 6 Oct. 16 sup. sgt. 30 Mar. 17 hon. dis. 6 Aug. 17 2 lt. 15 inf. 8 Apr. 18 1 lt. 18 Sep. 18 accepted. 30 Sep. 18 | N. Y. 19 Feb. 81 |
| Karney, Thomas H., 12 Nov. 18 | bat. adj. | ..... | 1 lt. 15 inf. 12 Nov. 18 accepted. 15 Nov. 18 | N. Y. 7 Jan. 82 |
| Givens, Robert T., 12 Nov. 18 hon. dis. 13 May 19 | bat. adj. | ..... | 1 lt. 15 inf. 12 Nov. 18 accepted. 14 Nov. 18 | N. Y. 5 Oct. 79 |
| Burke, Edmund H., 21 Dec. 18 | bat. adj. | ..... | pvt. co. A, 15 inf. . . . — Apr. 17 dis. — July 17 pvt. co. A, 15 inf. . . . 1 Nov. 17 btn. sgt. maj. 17 Oct. 18 1 lt. 15 inf. 21 Dec. 18 accepted. 26 Dec. 18 | Plym outh. British W. I. 6 Mar. 85 |
| Trotman, William F., 28 Dec. 18 reserve list. . . . 26 May 19 | E | ..... | 1 lt. 15 inf. 28 Dec. 18 accepted. 9 Jan. 19 | N. Y. 16 Mar. 84 |
| Johnson, DeForest D., 13 June 19 | D | mustered into u. s. ser. 25 July 17 1 sgt. 369 inf. hon. dis. 22 May 19 | pvt. co. D, 15 inf. . . . 8 July 16 1 sgt. 6 Oct. 16 dft. 5 Aug. 17 1 lt. 15 inf. 13 June 19 accepted. 2 July 19 | Mass. 10 Apr. 80 |

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank, and highest brevet rank | Company | Service | | Born |
|--|----------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Hernandez, Robert T., 14 june 19 | m. g. co. | pvt. camp Upton, 30 oct. 17 o. t. c. 5 jan. 18 2 lt. inf. 1 june 18 hon. dis. 23 apr. 19 | 1 lt. 15 inf. 14 june 19 accepted. 18 june 19 | Ga. 30 may 84 |
| Aldridge, Ira L., 30 june 19 hon. dis. 26 dec. 19 | L | 2 lt. inf. 351 m. g. bta. 8 nov. 17 hon. dis. 20 may 19 | pvt. co. A, 15 inf. 1 oct. 16 sgt. 20 may 17 hon. dis. 20 may 17 2 lt. 15 inf. 12 june 19 1 lt. 30 june 19 accepted. 1 july 19 | N. Y. 5 mar. 91 |
| Steedman, Charles O., 30 june 19 | A | inducted. 30 apr. 18 corp. 21 aug. 18 2 lt. inf. 31 oct. 18 hon. dis. 9 apr. 19 | 2 lt. 15 inf. 12 june 19 1 lt. 30 june 19 accepted. 8 july 19 | Ga. 21 aug. 92 |
| Miles, Stanley A., 30 june 19 | M | inducted. 22 nov. 17 corp., sgt., o. t. c., 2 lt. inf. 26 aug. 18 hon. dis. — 19 | 2 lt. 15 inf. 24 feb. 19 1 lt. 30 june 19 accepted. 3 july 19 | Va. 24 may 87 |
| Atkins, Rufus A., 12 july 19 | K | enl. 30 oct. 17 2 lt. inf. 1 nov. 18 hon. dis. — 19 | 1 lt. 15 inf. 12 july 19 accepted. 16 july 19 | Va. 23 july 88 |
| Cheeseman, Benedict W., 12 july 19 hon. dis. 22 oct. 19 | btn. adj. | mustered into u. s. ser. 25 july 17 sgt. major, 309 inf. hon. dis. 27 feb. 19 | pvt. 15 inf. 26 aug. 16 dft. 5 aug. 17 1 lt. 15 inf. 12 july 19 accepted. 22 july 19 | N. Y. 11 sep. 83 |
| Pollard, Lee A., 19 aug. 19 | C | o. t. c. 16 june 17 to 27 aug. 17 | pvt. m. g. co. 15 inf. 29 june 16 sgt. — 17 hon. dis. 16 june 17 2 lt. 15 inf. 17 feb. 19 1 lt. 19 aug. 19 accepted. 21 aug. 19 | Va. 20 oct. 81 |
| <i>Second Lieutenants</i> | | | | |
| Herbert, William G., 4 june 18 | m. g. co. | pvt. inf. 19 jan. 18 sgt. 1 feb. 18 sgt. 1 cl. 1 apr. 18 2 lt. 4 june 18 hon. dis. 29 apr. 19 service in 325 field sig. bta. | 2 lt. 15 inf. 28 june 19 accepted. 4 july 19 | N. Y. 6 jan. 97 |
| Simpson, Frederick W., 26 aug. 18 | band leader | bugler, co. M, Ind. N. G. 1888. 3 inf. band | band leader, 15 inf. 18 nov. 17 2 lt. 15 inf. 26 aug. 18 accepted. 27 aug. 18 | Ind. 25 nov. 72 |
| Taylor, Thos. E., 5 sep. 18 hon. dis. 23 may 19 | A | | 2 lt. 15 inf. 5 sep. 18 accepted. 12 sep. 18 | Ont. 10 dec. 71 |
| Johnson, Lloyd R., 18 sep. 18 hon. dis. 19 feb. 19 | sup. co. | | pvt. 15 inf. 5 dec. 17 btn. sgt. maj. 3 feb. 18 2 lt. 18 sep. 18 accepted. 23 sep. 18 | 9 jan. 91 |
| Williams, Henry A., 14 oct. 18 hon. dis. 2 apr. 19 | B | | pvt. co. D, 15 inf. 15 apr. 18 2 lt. 14 oct. 18 accepted. 23 oct. 18 | N. C. 1 june 89 |
| Dance, Sterling E., 14 oct. 18 | I | | pvt. co. C, 15 inf. 5 july 16 corp., sgt., 2 lt. 15 inf. 14 oct. 18 accepted. 24 oct. 18 | Va. 22 sep. 82 |

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Continued</i> | | | | |
| Johnson, John R., 16 oct. 18 hon. dis. 9 june 19 | D | ..... | 2 lt. 15 inf. 16 oct. 18 accepted. 28 oct. 18 | Fla. 11 aug. 73 |
| White, Walter F., 19 oct. 18 hon. dis. 18 apr. 19 | C | ..... | 2 lt. 15 inf. 19 oct. 18 accepted. 26 oct. 18 | Ga. 1 july 93 |
| McPherson, Richard C., 25 oct. 18 reserve list. 12 july 19 | C | ..... | 2 lt. 15 inf. 25 oct. 18 accepted. 2 nov. 18 | Va. 6 nov. 78 |
| Banks, Robert A., 25 oct. 18 reserve list. 12 july 19 | F | 17 prov. train. regt. u. s. 15 june 17 to 14 sep. 17 | pvt. 15 inf. 29 june 18 hon. dis. 15 june 17 2 lt. 25 oct. 18 accepted. 10 nov. 18 | Va. 6 nov. 90 |
| Morse, Roy F., 19 nov. 18 | D | ..... | pvt. 34 co., 8 c. a. c. 3 jan. 16 hon. dis. 23 oct. 16 pvt. 15 inf. 31 july 18 2 lt. 19 nov. 18 accepted. 23 nov. 18 | N. Y. 19 jan. 95 |
| Jackson, Elwood A., 10 dec. 18 reserve list. 17 july 19 | ..... | ..... | pvt. co. C, 15 inf. 22 may 18 sup. sgt. 29 may 18 2 lt. 15 inf. 10 dec. 18 accepted. 16 dec. 18 | N. Y. 1 aug. 84 |
| Wright, Raymond B., 28 may 19 | C | mustered into u. s. ser. 25 july 17, 369 inf., hon. dis. 24 feb. 19 | pvt. 15 inf. 17 oct. 16 dft. 5 aug. 17 pvt. co. G, 15 inf. 18 apr. 19 2 lt. 15 inf. 28 may 19 accepted. 16 june 19 | N. Y. 17 june 93 |
| Mikell, Francis E., 29 may 19 | E | mustered into u. s. ser. 25 july 17, 369 inf., hon. dis. 26 feb. 19 | band leader, 15 inf. 12 may 17 dft. 5 aug. 17 2 lt. 15 inf. 29 may 19 accepted. 31 may 19 | S. C. 27 mar. 85 |
| Smith, Harry C., 9 june 19 | B | mustered into u. s. ser. 25 july 17 hon. dis. — 19 | pvt. co. B, 15 inf. 6 oct. 16 dft. 5 aug. 17 2 lt. 15 inf. 9 june 19 accepted. 10 june 19 | R. I. 7 may 89 |
| Bates, Howard C., 12 july 19 | A | mustered into u. s. ser. 25 july 17 hon. dis. 24 feb. 19 | pvt. co. C, 15 inf. 5 july 16 dft. 5 aug. 17 2 lt. 15 inf. 12 july 19 accepted. 15 july 19 | Va. 10 july 91 |
| Smith, Bertram U., 12 july 19 | M | mustered into u. s. ser. 25 july 17 co. B, 365 inf. hon. dis. 22 feb. 19 | pvt. 15 inf. 25 june 16 dft. 5 aug. 17 pvt. co. H, 15 inf. — 19 2 lt. 15 inf. 12 july 19 accepted. 15 july 19 | N. Y. 23 july 85 |
| Hart, Jeremiah, 12 july 19 | K | mustered into u. s. ser. 25 july 17 hon. dis. — jan. 19 | pvt. co. A, 15 inf. 29 june 16 corp., sgt., 1 sgt. — dft. 5 aug. 17 2 lt. 15 inf. 12 july 19 accepted. 15 july 19 | N. Y. 17 aug. 88 |

FIFTEENTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name grade date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Chisum, William W., 12 July 19 | sup. co. | mustered into u. s. ser. 25 July 17 reg. sup. sgt. 369 inf. hon. dis. . . . — Jan. 19 | pvt. co. A, 15 inf. 4 May 17 dft. 5 Aug. 17 pvt. co. H, 15 inf. — 19 2 lt. 15 inf. 12 July 19 accepted. 15 July 19 | Tex. 13 Apr. 83 |
| Lucas, Wilmer F., 19 Nov. 19 | L | s. a. t. c., sep. to dec., 1918. | pvt. co. F, 15 inf. 18 Nov. 18 sup. sgt. 9 Dec. 18 sgt. 12 Dec. 18 1 sgt. — 19 2 lt. 15 inf. 19 Nov. 19 accepted. 22 Nov. 19 | D. C. 11 July 96 |

TWENTY-THIRD INFANTRY, N. Y. G.

(Second Brigade)

Organized as a Depot Battalion. Under authority of S. O. 276, A. G. O., October 29, 1917, Companies A, C, D and G were mustered into the New York Guard, increased to regimental formation and designated the 23d Infantry, N. Y. G. Attached to 2d Brigade by G. O. 64, A. G. O., December 22, 1917.

Company L, Cedarhurst, transferred to this regiment from the 12th Infantry, G. O. 64, A. G. O., December 22, 1917. Company E, Inwood, transferred to 14th Infantry, N. Y. G.

The companies were mustered into the New York Guard on the following dates: Machine Gun Company, November 14, 1917; Company A, October 29, 1917; Company B, Lynbrook, October 26, 1917; Company C, October 29, 1917; Company D, October 29, 1917; Company E, December 7, 1917; Company F, November 14, 1917; Company G, October 29, 1917; Company H, December 3, 1917; Company I, November 14, 1917; Company K, November 14, 1917; Company L, Cedarhurst, October 14, 1917; Company M, Glen Cove, November 14, 1917; Supply Company, March 4, 1918; Headquarters Company, March 11, 1918; Sanitary Detachment, March 11, 1918. Station of Company L, Cedarhurst, changed to Brooklyn, February 3, 1919 (G. O. 4). Recognized by War Department: Company G, June 30, 1919; Company B, November 20, 1919; Company C, November 20, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; World War, 1917.

On the State Color.—Draft riot, July and August, 1863; East New York, September 22, 1863; Brooklyn, November 6, 1864; Brooklyn, February 16, 1870; Orange riots, 1871; Hornellsville, July 22, 1877; Buffalo, August, 1892; Brooklyn, January, 1895; Albany, 1901.

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|--|--------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Colonels | | | | |
| Praeger, Louis Jewett, 22 dec. 17 retired 28 nov. 19 | | | cap. depot bat. 23 inf. 11 july 16 hon. dis. 3 feb. 17 lt. col. 23 inf. 9 nov. 17 col. 23 inf. 22 dec. 17 accepted. 27 dec. 17 | N. Y. 20 june 67 |
| Fairservis, Thomas, 4 dec. 19 | | mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 1 apr. 17 resigned... 28 may 17 | pvt., corp., sgt. co. C. 23 inf. 28 dec. 03 to 20 apr. 10 2 lt. 23 inf. 20 apr. 10 1 lt. 7 may 13 cap. 17 nov. 15 resigned..... 28 may 17 r. l. 22 aug. 17 duty with 23 inf. 23 aug. 17 cap. 23 inf. 23 aug. 17 maj. 9 nov. 17 lt. col. 17 jan. 18 col. 4 dec. 19 accepted..... 5 dec. 91 | N. Y. 22 dec. 84 |
| Lieutenant Colonel | | | | |
| Outerbridge, Vivian Lorne, 20 dec. 19 | | | pvt. co. B, 23 inf. 8 apr. 01 corp. 19 oct. 03 sgt. 21 nov. 04 2 lt. 23 inf. 13 dec. 06 1 lt. 23 inf. 16 mar. 11 cap. 19 june 12 resigned..... 29 oct. 13 r. l. 31 dec. 15 cap. 23 inf. 5 sep. 17 major..... 31 jan. 18 lt. col. 20 dec. 19 accepted..... 22 dec. 19 | Ber- muda. 24 dec. 79 |

TWENTY-THIRD INFANTRY, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Lamont, Clifford Ferris, 15 nov. 17 f. and h. dis. . . 30 oct. 19 | | | pvt. co. A, 23 inf. . . . 10 apr. 99 corp. 1 dec. 02 sgt. 6 feb. 05 2 lt. 3 may 06 1 lt. 23 inf. 12 june 08 with rank from. . . . 4 june 08 cap. 16 aug. 09 with rank from. . . . 4 aug. 09 resigned. 8 sep. 14 cap. depot bat. 23 inf. 11 july 16 resigned. 3 feb. 17 r. l. 22 aug. 17 duty with 23 inf. . . . 23 aug. 17 cap. 23 inf. 23 aug. 17 maj. 15 nov. 17 accepted. 17 nov. 17 | N. Y. 5 mar. 80 |
| Green, Ethelbert, 15 nov. 17 f. and h. dis. . . 11 aug. 19 | | pvt. co. H, 14 N. Y. vols. 14 may 98 14 may 98 sgt. 16 may 98 to 27 oct. 98 | pvt. co. G, 23 inf. . . . 4 oct. 97 tra. to co. H, 14 inf. . 16 may 98 tra. to co. G, 23 inf. . 5 dec. 98 corp. 22 may 99 sgt. 10 june 01 1 agt. 9 jan. 05 2 lt. 23 inf. 26 oct. 08 with rank from. . . . 15 oct. 08 1 lt. 1 apr. 10 with rank from. . . . 23 mar. 10 resigned. 17 feb. 12 1 lt. d. b., 23 inf. . . . 11 july 16 cap. 23 inf. 5 sep. 17 maj. 23 inf. 15 nov. 17 accepted. 17 nov. 17 | N. Y. 8 apr. 77 |
| Brennan, Lennox C., 12 dec. 19 | | mustered into u. s. ser. 19 june 16 out 17 jan. 17 into 31 mar. 17 cap. 106 inf. 17 sep. 18 hon. dis. . . . 2 apr. 19 | pvt. co. K, 23 inf. . . . 12 july 15 corp. 19 june 16 sgt. 21 july 16 1 lt. 23 inf. 1 may 17 accepted. 4 may 17 dft. 5 aug. 17 r. l. 14 nov. 19 maj. 20 inf. 12 dec. 19 accepted. 16 dec. 19 | |
| <i>Captains</i> | | | | |
| Evans, William J., 6 oct. 16 | E | mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 31 mar. 17 to 71 inf. 16 oct. 17 hon. dis. . . . 15 july 19 | pvt. co. M. 14 apr. 13 corp. 16 mar. 14 sgt. 15 feb. 15 1 agt. 28 june 15 full and hon. dis. . . . 14 apr. 16 re-enlisted. 14 apr. 16 2 lt. 3 july 16 cap. 6 oct. 16 accepted. 10 oct. 16 dft. 5 aug. 17 cap. 23 inf. 23 dec. 19 accepted. 29 dec. 19 | N. Y. 18 june 93 |
| Keece, George M., 1 may 17 | m. g. co. | mustered into u. s. ser. 1 july 16 out 17 jan. 17 into 2 apr. 17 cap. 54 pioneer inf. 1 may 17 hon. dis. . . . 15 july 19 | pvt. co. A. 7 nov. 95 corp. 14 jan. 95 hon. dis. 28 feb. 00 re-enlisted. 31 dec. 00 qm. sgt. 20 feb. 05 1 sgt. 4 may 08 qm. sgt. 11 apr. 10 full and hon. dis. . . . 2 nov. 14 re-enlisted co. K. . . . 5 apr. 15 sgt. 28 apr. 15 com. sgt. 19 june 16 color sgt. 2 july 16 2 lt. 3 july 16 cap. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 r. l. 21 oct. 19 cap. 23 inf. 29 dec. 19 accepted. 30 dec. 19 | N. Y. 29 june 72 |

TWENTY-THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Ireland, Rutherford, 23 July 17 | I | pvt. bat. B, N. Y. vols. 26 July 98 to 24 Oct. 98 mustered into u. s. ser. 3 July 16 out 17 Jan. 17 into 31 Mar. 17 hon. dis. ... 5 Aug. 19 | pvt. 1 batty 23 Mar. 94 dropped 23 July 98 taken up 27 Oct. 98 tra. to co. I, 1 15 May 99 hon. dis. 23 June 99 re-enlisted 23 June 99 corp. 4 Feb. 01 agt. 1 June 03 2 lt. 27 July 05 1 lt. 7 Nov. 07 full and hon. dis. 20 Apr. 08 re-enlisted 14 Sep. 08 agt. 13 May 12 1 lt. 8 July 16 cap. 23 July 17 accepted 24 July 17 dft. 5 Aug. 17 cap. 23 inf. 9 Dec. 19 accepted 13 Dec. 19 | |
| Barnum, Charles Henry, 17 Aug. 17 retired 12 Dec. 19 | sup. officer | | pvt. co. K, 23 inf. 6 Dec. 83 post qm. agt. 5 May 08 2 lt. 23 inf. 7 Dec. 11 r. l. 7 July 16 cap. 23 inf. 5 Sep. 17 accepted 15 Sep. 17 | N. Y. 22 May 61 |
| Butler, Louis W., 5 Sep. 17 retired 28 Nov. 19 | adj. | | pvt. co. A, 23 inf. 24 Apr. 89 corp. 5 Oct. 92 agt. 18 Feb. 95 color bearer 25 Nov. 95 bat. agt. maj. 27 May 01 hon. dis. 1 Apr. 02 re-enlisted 1 Apr. 02 bat. agt. maj. 7 Apr. 02 rgt. agt. maj. 21 Nov. 04 hon. dis. and re- enlisted 1 Apr. 15 hon. dis. and re- enlisted 1 Apr. 16 hon. dis., s. c. d. 30 June 16 cap. 23 inf. 5 Sep. 17 accepted 17 Sep. 17 | Pa. 6 May 62 |
| Kelly, Warren, 14 Nov. 17 hon. dis. 4 Dec. 19 | L | | cap. 12 inf. 14 Nov. 17 accepted 15 Nov. 17 tra. to 23 inf. 22 Dec. 17 | N. Y. 1 June 92 |
| Stauderman, Philip, 23 Nov. 17 f. and h. dis. ... 18 Dec. 19 | B | pvt., corp., co. K, 47 N. Y. vols., 24 May 98 agt. 1 July 98 mustered out, 31 Mar. 99 | pvt. co. K, 47 inf. 19 Sep. 94 full and hon. dis. 18 Dec. 99 cap. 23 inf. 23 Nov. 17 cap. 23 inf. N. Y. N. G. 20 Nov. 19 accepted 20 Nov. 19 | N. Y. 23 Feb. 77 |
| Pierce, Chauncey Arthur, 23 Nov. 17 f. and h. dis. ... 21 Nov. 19 | C | mustered into u. s. ser. 1 July 16 resigned ... 13 Oct. 16 | pvt., corp., agt., qm. agt., 1 agt., co. K, 23 inf. 26 Feb. 06 to 21 Apr. 14 2 lt. 21 Apr. 14 1 lt. 3 July 16 resigned 13 Oct. 16 r. l. 24 Aug. 17 1 lt. 23 inf. 5 Sep. 17 cap. 23 inf. 23 Nov. 17 accepted 27 Nov. 17 | N. J. 2 Feb. 82 |

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|--|--|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Boyce, George Kohler, 23 nov. 17 | G | mustered into u. s. ser. 29 nov. 16 out 17 jan. 17 | pvt. co. G, 23 inf. 20 jan. 08 corp. 25 apr. 10 sgt. 27 june 10 qrm. sgt. 11 dec. 11 1 sgt. 8 july 12 full and hon. dis. 25 jan. 15 re-enlisted. 25 jan. 15 full and hon. dis. 25 jan. 16 re-enlisted. 25 jan. 16 2 lt. 3 july 16 1 lt. 24 nov. 16 accepted. 29 nov. 16 dis. p. d. 7 apr. 17 r. l. 25 aug. 17 1 lt. 23 inf. 5 sep. 17 cap. 23 nov. 17 accepted. 27 nov. 17 cap. 23 inf. N. Y. N. G. 30 june 19 accepted. 31 july 19 | N. Y. 18 june 89 |
| Rossiter, Arthur Wickes, 23 nov. 17 f. and h. dis. 14 nov. 19 | M | ..... | pvt. co. I, 7 inf. 7 oct. 96 dropped. 9 oct. 01 taken up. 20 dec. 01 full and hon. dis. 20 dec. 01 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17 | N. Y. 8 oct. 74 |
| Taft, Raymond Leonard, 23 nov. 17 | F | mustered into u. s. ser. 1 july 16 to N. G. R. 6 oct. 16 to 23 inf. 17 july 17 hon. dis. 6 aug. 17 | pvt. co. G, 23 inf. 6 oct. 13 corp. 1 may 16 sgt. 2 aug. 16 dit. 5 aug. 17 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17 | N. Y. 6 may 85 |
| Sayers, William L., 23 nov. 17 reserve list. 17 dec. 19 | m. g. co. | ..... | pvt. 1 f. h. 22 oct. 06 full and hon. dis. 6 june 12 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17 | N. J. 18 may 85 |
| Candee, Willard C., 2 jan. 18 f. and h. dis. 11 oct. 19 | K | ..... | pvt. co. C, 23 inf. 2 may 98 corp. 20 dec. 00 full and hon. dis. 11 apr. 04 1 lt. 23 inf. 23 nov. 17 cap. 2 jan. 18 accepted. 5 jan. 18 | N. Y. 20 aug. 74 |
| Congdon, Herbert W., 2 jan. 18 reserve list. 16 dec. 19 | E | mustered into u. s. ser. 1 july 16 out 17 jan. 17 | pvt. co. A, 23 inf. 25 oct. 97 corp. 16 mar. 03 hon. dis. 2 june 04 re-enlisted. 10 may 09 corp. 9 may 10 sgt. 7 nov. 10 2 lt. 23 inf. 23 nov. 11 1 lt. 31 july 12 cap. 13 oct. 14 r. l. 16 feb. 17 cap. 23 inf. 2 jan. 18 accepted. 10 jan. 18 | N. Y. 9 may. 76 |
| Steckert, Frederick Carl, 17 jan. 18 | A | ..... | pvt. co. A, 23 inf. 25 july 04 corp. 3 feb. 08 sgt. 16 may 10 full and hon. dis. 16 sep. 12 1 lt. 23 inf. 11 oct. 17 cap. 17 jan. 18 accepted. 21 jan. 18 | N. Y. 7 july 81 |
| Townley, Frank M., 12 mar. 18 hon. dis. 9 dec. 19 | chap. | r. i. f., 88-90; r. h. a., 94-95. | cap., chap., 23 inf. 12 may 18 accepted. 15 mar. 18 | Ireland. 4 sep. 76 |

TWENTY-THIRD INFANTRY, NEW YORK GUARD — (continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Long, Frederic K., 26 oct. 18 | adj. | mustered into u. s. ser. 3 July 16 out 17 Jan. 17 into 31 Mar. 17 cap. 106 inf. 26 oct. 18 hon. dis. 3 Apr. 19 | pvt. co. G 11 Apr. 10 oorp. 19 Dec. 10 sgt. 16 Mar. 14 full and hon. dis. 11 Apr. 15 re-enlisted. 11 Apr. 15 full and hon. dis. 11 Apr. 16 re-enlisted. 11 Apr. 16 warrant as sgt. contd. 1 lt. 3 July 16 accepted. 3 July 16 dft. 5 Aug. 17 cap. 23 inf. 4 Dec. 19 accepted. 8 Dec. 19 | N. J. 16 Jan. 91 |
| McMullen, William H., Jr., 4 nov. 18 | sup. eo. | mustered into u. s. ser. 1 Jan. 17 out 17 Jan. 17 into 31 Mar. 17 to 106 inf. 4 Oct. 17 1 lt. inf. 1 Dec. 17 to 33 div. to 129 inf. 1 Aug. 18 cap. 4 nov. 18 hon. dis. 26 June 19 | pvt. co. K 29 June 03 oorp. 22 Apr. 13 qm. sgt. 19 Oct. 14 full and hon. dis. 8 Mar. 15 re-enlisted. 3 Apr. 16 full and hon. dis. 3 Apr. 16 re-enlisted. 29 June 16 sup. sgt. 22 Dec. 16 hon. dis. 18 Dec. 16 2 lt. 23 Dec. 19 accepted. 5 Aug. 17 dft. 18 Dec. 19 cap. 23 inf. 26 Dec. 19 accepted. 26 Dec. 19 | N. Y. 14 Apr. 82 |
| Smith, Leonard H., 19 Nov. 18 f. and h. dis. 8 July 19 | asst. i. s. a. p. | | pvt. co. A, 23 regt. 4 Apr. 98 sgt. 20 Mar. 05 full and hon. dis. 15 Dec. 05 1 lt. 23 inf. 20 May 18 cap. 19 Nov. 18 accepted. 27 Nov. 18 | N. Y. 1 Mar. 76 |
| Nixon, John M., 4 Dec. 18 hon. dis. 29 Nov. 19 | I | batty. A, 1 Mo. f. a. 1895-1902. resigned with rank of 1 lt. | 2 lt. 23 inf. 23 Nov. 17 1 lt. 17 Jan. 18 cap. 4 Dec. 18 accepted. 9 Dec. 18 | Ill. 26 July 75 |
| Kerby, J. Parker, 13 Dec. 18 reserve list. 17 Nov. 19 | H | | 2 lt. 23 inf. 11 Dec. 17 cap. 13 Dec. 18 accepted. 16 Dec. 18 | N. Y. 1 Nov. 76 |
| Forman, Robert M., 15 Jan. 19 | D | | pvt. co. D, 23 inf. 28 Jan. 07 oorp. 2 Nov. 08 sgt. 5 Dec. 10 1 sgt. 8 June 14 full and hon. dis. 10 Mar. 15 2 lt. 23 inf. 26 Oct. 17 1 lt. 12 Mar. 18 cap. 15 Jan. 19 accepted. 17 Jan. 19 | N. Y. 2 no. 87 |
| McDonald, Willis, Jr., 23 July 19 | asst. i. s. a. p. | | pvt. tr. C, cav. 10 Apr. 99 full and hon. dis. 21 June 04 1 lt. 23 inf. 13 Dec. 18 cap. 23 July 19 accepted. 24 July 19 | N. Y. |
| Fahys, George E., Jr., 30 Sep. 19 | M | mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 11 July 17 2 lt. 105 f. a. : 1 lt. 106 f. a. 1 Oct. 17 hon. dis. 21 Jan. 19 | pvt. tr. B, sq. A 15 Oct. 14 trs. 1 f. a. 29 June 15 oorp. 23 Aug. 16 hon. dis. 11 June 17 2 lt. 2 f. a. 6 Apr. 17 accepted. 19 Apr. 17 dft. 5 Aug. 17 r. l. 14 July 19 cap. 23 inf. 29 Nov. 19 accepted. 6 Dec. 19 | N. Y. 5 Aug. 90 |

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Concluded</i> | | | | |
| Bedford, Henry E., Jr., 14 nov. 19 reserve list.... 11 dec. 19 | K | ..... | 2 lt. 23 inf. 27 nov. 17 1 lt. 17 jan. 18 cap. 14 nov. 19 accepted. 15 nov. 19 | N. J. 2 feb. 86 |
| Kochendorfer, John, 20 nov. 19 | C | ..... | pvt. co. C, 23 inf. 29 jan. 06 corp. 25 apr. 10 dis. 6 nov. 11 1 lt. 23 inf. 4 dec. 17 cap. 23 inf. N. Y. N. G. 20 nov. 19 accepted. 20 nov. 19 | N. Y. 19 feb. 78 |
| Hanecom, Frank D., 16 dec. 19 | chap. | pvt., N. G. Maine, — apr. 98 must. out. 18 nov. 98 hon. dis. co. H, 1 inf. N. G. Me., June, 1900. mustered into u. s. ser. 11 apr. 17 chap., 106 inf. hon. dis. — apr. 19 | chaplain, 1 lt. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 chap. 23 inf. 6 dec. 19 accepted. 19 dec. 19 | Maine 24 july 79 |
| <i>First Lieutenants</i> | | | | |
| Slack, Hawley Childs, 23 nov. 17 | B | ..... | pvt. co. B, 23 inf. 25 feb. 01 full and hon. dis. 8 june 14 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17 1 lt. 23 inf., N. Y. N. G. 20 nov. 19 accepted. 20 nov. 19 | N. Y. 13 jan. 81 |
| Miller, John Robinson, 23 nov. 17 f. and h. dis. 11 aug. 19 | bat. adjt. | ..... | pvt. co. G, 23 inf. 24 apr. 99 corp. 21 nov. 04 full and hon. dis. 4 oct. 09 1 lt. 23 inf. 23 nov. 17 accepted. 26 nov. 17 | Del. 25 jan. 81 |
| Wynkoop, Hubert S., 23 nov. 17 f. and h. dis. 30 oct. 19 | bat. adjt. | pvt. co. I, 1 regt. Minn. N. G., 26 dec. 88 corp. 14 may 89 sgt. 3 july 89 dis. 12 dec. 89 pvt. co. G, 1 inf. Ill. N. G. 11 sep. 90 dis. 19 feb. 91 pvt. co. F, 5 inf. Cal. N. G. 30 apr. 91 hon. dis. 16 nov. 91 v. c. a. m. 4 may 17 | pvt. co. A, 23 inf. 8 oct. 94 qm. sgt. 22 may 99 1 lt. 6 june 01 cap. 20 mar. 02 maj. 16 jan. 08 resigned. 8 june 09 trs. to 9 c. a. o. 8 oct. 17 trs. to 23 inf. 12 nov. 17 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17 | N. Y. 20 sep. 86 |
| Vehring, Charles, Jr., 23 nov. 17 | bat. adjt. | ..... | pvt. co. C, 23 inf. 17 mar. 08 full and hon. dis. 8 june 14 re-enlisted. 18 jan. 15 full and hon. dis. 19 jan. 16 re-enlisted. 19 jan. 16 pvt. co. C, 23 inf. 22 oct. 17 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17 | N. Y. 12 oct. 86 |
| Diabrow, Joseph Pell, 11 dec. 17 | F | v. c. a., nov., 1917... | pvt. co. F, 23 inf. 14 nov. 17 sgt. 5 dec. 17 hon. dis. 18 jan. 18 1 lt. 23 inf. 11 dec. 17 accepted. 14 dec. 17 | N. Y. 31 mar. 72 |
| Chittenden, Jonathan B., 2 jan. 18 hon. dis. 11 nov. 19 | E | ..... | 1 lt. co. E, 23 inf. 2 jan. 18 accepted. 7 jan. 18 | Conn. 18 may 64 |

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-----------|--|--|------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Hedger, Henry L., 21 mar. 18 | M | | 2 lt. 23 inf. 11 dec. 17 N. Y. 1 lt. 21 mar. 18 26 oct. accepted 25 mar. 18 75 | |
| Woodford, Charles Willis, 15 aug. 18 hon. dis. 23 July 19 | L | | 2 lt. 12 inf. 14 nov. 17 Can. accepted 15 nov. 17 8 nov. tra. to 23 inf. 22 dec. 17 73 1 lt. 23 inf. 15 aug. 18 accepted 16 aug. 18 | |
| Hadden, Howard Stevens, 18 dec. 18 | m. g. co. | | 2 lt. 23 inf. 17 dec. 17 N. Y. 1 lt. 18 dec. 18 11 apr. accepted 25 dec. 18 73 | |
| Conover, Henry S., 26 dec. 18 f. and h. dis. ... 30 oct. 19 | I | | pvt. co. H, 23 regt. 13 jan. 02 N. J. corp. 21 dec. 08 7 sep. full and hon. dis. 1 nov. 07 79 2 lt. 12 apr. 18 1 lt. 26 dec. 18 accepted 3 jan. 19 | |
| Terhune, Harry K., 22 Jan. 19 hon. dis. 19 sep. 19 | A | vet. cps. S. N. Y., 15 June 17 | pvt. m. g. co. 23 inf. 14 nov. 17 N. Y. 2 sgt. 20 feb. 18 25 aug. 1 lt. 22 Jan. 19 84 accepted 30 Jan. 19 | |
| Cassidy, Abner W., 3 feb. 19 hon. dis. 20 May 19 | D | | pvt. co. D, 23 inf. 7 dec. 14 Mo. corp. 3 May 15 20 May qm. sgt. 3 apr. 16 91 sup. sgt. 29 June 16 sgt. 8 oct. 16 sgt. to pvt. 8 oct. 16 sgt. 6 dec. 16 hon. dis. 18 May 17 2 lt. 23 inf. 21 Mar. 18 1 lt. 3 feb. 19 | |
| Robitsek, William E., 6 feb. 19 | H | mustered into u. s. ser. 15 July 16 out 17 Jan. 17 responded 16 July 17 hon. dis. ... 5 Aug. 17 | pvt. co. H, 23 inf. 26 feb. 14 N. Y. corp. 15 June 16 3 Nov. sgt. 1 Oct. 16 97 to N. G. R. 26 feb. 17 pvt. co. H, 23 inf. 18 feb. 18 1 lt. 23 inf. 6 feb. 19 accepted 7 feb. 19 | |
| Seeman, Eugene J., 3 apr. 19 | G | mustered into u. s. ser. 15 July 16 out 17 Jan. 17 pvt. co. K, 22 inf. 15 Oct. 18 2 lt. 19 Mar. 19 hon. dis. 19 Mar. 19 | pvt. co. G, 23 inf. 22 Nov. 10 N. J. corp. 11 Nov. 12 25 May full and hon. dis. 22 Nov. 15 88 re-enl. and warrant con. 1 sgt. 21 June 16 mess sgt. 4 July 16 sup. sgt. Oct. 16 hon. dis. 21 May 17 2 lt. 23 inf. 12 Mar. 18 accepted 23 Mar. 18 full and hon. dis. 11 June 18 1 lt. 23 inf. N. Y. G. 3 Apr. 19 1 lt. 23 inf., N. Y. N. G. 30 June 19 accepted 31 July 19 | |
| Davis, Samuel D., 15 Apr. 19 | I | mustered into u. s. ser. 29 Nov. 16 out 17 Jan. 17 into 31 Mar. 17 2 lt. 106 inf.; 1 lt. 242 m. p. c. 15 Apr. 19 hon. dis. ... 1 Aug. 19 | pvt. co. I, 23 inf. 25 May 14 N. Y. corp. 3 Apr. 16 4 Dec. 1 sgt. 22 July 16 91 2 lt. 23 inf. 3 Nov. 16 accepted 18 Nov. 16 dft. 5 Aug. 17 1 lt. 23 inf. 14 Nov. 19 accepted 24 Nov. 19 | |

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Con- cluded</i> | | | | |
| Cotter, James C., 23 July 19 | D | ..... | pvt. co. D, 23 inf. 29 nov. 97 f. and h. dis. 19 jan. 03 pvt. co. D, 23 inf. 22 oct. 17 corp. 5 nov. 17 sgt. 25 mar. 18 2 lt. 23 inf. 26 feb. 19 1 lt. 23 July 19 accepted. 28 July 19 | N. Y. 4 July 76 |
| Jarvis, David B., 19 sep. 19 | L | 27 div. 15 July 17 83 div. 15 Jan. 18 30 div. 25 July 18 hon. dis. 24 Apr. 19 | 1 lt. 23 inf. 19 sep. 19 accepted. 20 sep. 19 | Soot. 30 June 94 |
| Dimme, Edward F., 4 dec. 19 | E | mustered into u. s. ser. 2 July 16 out 17 Jan. 17 into 31 Mar. 17 2 lt. inf. 16 July 13 hon. dis. 2 May 19 | pvt. co. M, 23 inf. 1 July 12 corp. 17 May 15 f. and h. dis. 19 July 15 re-enl. and warrant continued. sgt. 19 July 16 dft. 5 Aug. 17 1 lt. 23 inf. 4 dec. 19 accepted. 3 dec. 19 | N. Y. 8 Aug. 92 |
| Lee, Wendell G., 27 dec. 19 | m. g. co. | mustered into u. s. ser. 2 July 16 out 17 Jan. 17 into 1 Apr. 17 sgt. 11 Aug. 17 to 106 inf. as stable sgt. 17 Oct. 17 hon. dis. 2 Apr. 19 | pvt. co. G, 23 inf. 17 Apr. 16 to m. g. co. 19 Nov. 16 corp. 29 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 29 Dec. 19 accepted. 30 Dec. 19 | N. Y. 15 Feb. 95 |
| Conefrey, Frank A., 31 dec. 19 | btn. adj. | mustered into u. s. ser. 1 July 16 out 17 Jan. 17 into 1 Apr. 17 sgt. co. H, 106 inf. 1 Sep. 17 1 sgt. 1 Sep. 18 2 lt. inf. 31 Oct. 18 hon. dis. 2 Apr. 19 | pvt. co. E, 23 inf. 22 Nov. 15 corp. 26 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 31 Dec. 19 accepted. 5 Jan. 20 | N. Y. 6 July 97 |
| Kendsiors, Carl A., Jr., 31 dec. 19 | btn. adj. | mustered into u. s. ser. 1 July 16 out 17 Jan. 17 into 1 Apr. 17 2 lt. inf. 1 June 18 asst. pl. adj. 15 Feb. 19 hon. dis. 23 Sep. 19 | pvt. co. L, 23 inf. 17 Dec. 15 color sgt. 12 Oct. 16 btn. sgt. maj. 27 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 31 Dec. 19 accepted. 5 Jan. 20 | N. J. 15 June 93 |
| <i>Second Lieutenants</i> | | | | |
| Derrick, John Johnson, 23 Nov. 17 reserve list 17 Dec. 19 | B | enl. co. B, 1 Va. vols., 1890. dis. June 1897, as or. sgt. | pvt. co. B, 71 inf. 28 Apr. 98 dis. June 03 2 lt. 23 inf. 23 Nov. 17 accepted. 27 Nov. 17 | S. C. 11 Dec. 08 |
| Mickleborough, George Washington, 23 Nov. 17 | sup. co. | ..... | pvt. co. M, 23 inf. 28 Oct. 15 hon. dis. 21 June 16 2 lt. 23 inf. 23 Nov. 17 accepted. 3 Dec. 17 | N. Y. 4 July 68 |
| Purdy, James Garfield 17 Dec. 17 reserve list 30 Dec. 19 | m. g. co. | v. c. a. 7 May 17 to 9 c. a. c. — Oct. 17 | pvt. m. g. co, 23 inf. 14 Nov. 17 sgt. 21 Nov. 17 1 sgt. 21 Nov. 17 2 lt. 23 inf. 17 Dec. 17 accepted. 19 Dec. 17 | N. Y. 4 Mar. 81 |
| Vaux, Alfred M., 19 Dec. 17 hon. dis. 3 May 19 | F | N. G. D. C., 1890 to 1897. | 2 lt. 23 inf. 19 Dec. 17 accepted. 28 Dec. 17 | D. C. 30 June 72 |

TWENTY-THIRD INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Continued</i> | | | | |
| France, Melville J., 31 jan. 18 | K | v. c. a. 2 may 17 to 14 nov. 17 | co. K, 23 inf. 14 nov. 17 2 lt. 31 jan. 18 accepted. 4 feb. 18 | 29 oct. 78 |
| O'Connor, Eugene, 21 mar. 18 | E | | pvt. co. A, 23 inf. 3 feb. 08 f. and h. dis. 26 may 13 2 lt. 23 inf. 21 mar. 18 accepted. 25 mar. 18 | N. Y. 10 nov. 86 |
| Bowne, William H., 11 june 18 | | 2 lt. N. G. W. Va., 1892-1893. | pvt. co. M. 30 oct. 17 1 sgt. 27 nov. 16 2 lt. 23 inf. 11 june 18 accepted. 14 june 18 | N. Y. 27 nov. 64 |
| Richter, Gustave A., 20 june 18 hon. dis. 29 dec. 19 | band leader | | 2 lt. 23 inf. 20 june 18 accepted. 24 june 18 | |
| Loomis, Frank I., 17 july 18 | C | Mex. serv. 2 july 18 to 17 jan. 17 | pvt. co. C, 23 inf. 24 feb. 14 corp. 27 nov. 16 hon. dis. — aug. 17 pvt. co. C. 22 oct. 17 2 lt. 23 inf. 17 july 18 2 lt. 23 inf., N. Y. N. G. 20 nov. 19 accepted. 20 nov. 19 | N. Y. 22 july 94 |
| Moss, Courtlandt D., 15 aug. 18 hon. dis. 19 mar. 19 | L | | pvt. co. L. 14 oct. 17 1 sgt. 17 dec. 17 2 lt. 23 inf. 15 aug. 17 accepted. 26 aug. 17 | N. Y. 20 mar. 87 |
| Estey, Spencer J., 20 aug. 18 f. and h. dis. 20 sep. 19 | A | | pvt. co. G, 23 regt. 19 mar. 86 corp. 4 nov. 87 sgt. 4 may 88 f. and h. dis. 20 feb. 99 2 lt. 23 inf. 20 aug. 18 accepted. 23 aug. 18 | |
| Wray, John, 9 jan. 19 | m. g. co. | | pvt. 2 co. sig. corps. 16 jan. 06 dropped. 19 oct. 07 pvt. m. g. co. 23 inf. 14 nov. 17 corp. 21 nov. 17 sgt. 25 mar. 18 2 lt. 23 inf. 9 jan. 19 accepted. 13 jan. 19 | N. Y. 18 june 84 |
| Merlin, Kenneth G., 6 feb. 19 | H | tr. A, Conn. N. G., may, 1903 to may, 1905. | 2 lt. 23 inf. 6 feb. 19 accepted. 7 feb. 19 | |
| Vincent, Robert, 3 apr. 19 hon. dis. 9 june 19 | L | French Army, 15 feb. 15 to 30 aug. 16; U. S. A., 28 apr. 17 to 25 apr. 18; 2 lt. a. g. d., 29 apr. 18; hon. dis. 12 jan. 19. | 2 lt. 23 inf. 3 apr. 19 accepted. 9 apr. 19 | Mass. 17 july 96 |

TWENTY-THIRD — INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank, and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Mayor, Fred E., 28 may 19 | G | mustered into u. s. ser. 19 june 16 out 17 jan. 17 into 2 apr. 17 hon. dis. . . 1 apr. 19 | pvt., agt., 1 agt., co. I, 23 inf. 27 feb. 06 to 3 july 16 2 lt. 23 inf. 3 july 16 1 lt. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 2 lt. 23 inf. 28 may 19 2 lt. 23 inf. N. Y. N. G. 30 june 19 accepted. 19 aug. 19 | N. Y. 9 oct. 87 |
| Morhous, Burgess F., 21 aug. 19 | F | ..... | pvt. co. K, 23 inf. 8 aug. 92 corp. 6 dec. 97 agt. 8 june 99 f. and h. dis. 30 jan. 03 2 lt. 23 inf. 21 aug. 19 accepted. 25 aug. 19 | N. Y. 6 feb. 67 |
| Reeves, Walter J., 13 sep. 19 | D | ..... | pvt. co. D, 23 inf. 22 oct. 17 corp. 15 feb. 18 agt. 25 mar. 18 2 lt. 23 inf. 13 sep. 19 accepted. 22 sep. 19 | Ill. 84 |
| Shearman David, 13 sep. 19 | L | pvt. 48 inf. 21 oct. 17 corp. 1 dec. 17 agt. 5 feb. 18 2 lt. inf. 10 sep. 19 hon. dis. . . 4 apr. 19 | 2 lt. 23 inf. 13 sep. 19 accepted. 25 sep. 19 | Pa. 20 mar. 78 |
| Massel, Edmund S., 30 oct. 19 | I | mustered into u. s. ser. 2 july 16 out 1 jan. 17 into 31 mar. 17 2 lt. 117 inf., hon. dis. | pvt. co. I, 23 inf. 5 apr. 15 corp. 22 july 16 agt. 3 dec. 16 1 agt. 19 june 17 dft. 5 aug. 17 2 lt. 23 inf. 30 oct. 19 accepted. 3 nov. 19 | N. Y. 6 aug. 96 |
| Ehrenberg, Harry, 11 dec. 19 | A | mustered into u. s. ser. 3 july 16 out 1 jan. 17 into 31 mar. 17 hon. dis. . . 31 mar. 19 | pvt. co. D, 23 inf. 3 july 16 corp. oct. 16 agt. 30 may 17 dft. 5 aug. 17 2 lt. 23 inf. 11 dec. 19 accepted. 15 dec. 19 | Eng. 2 may 87 |

FORTY-SEVENTH INFANTRY, N. Y. G.

(Second Brigade)

Armory, Marcy Avenue and Heyward Street, Brooklyn

Organized as a Depot Battalion, and Company B, was mustered into the State service September 1, 1917. Designated 47th Infantry, N. Y. G., by G. O. 37, A. G. O., August 3, 1917.

Machine Gun Company and Company I, 10th Infantry, were transferred to this regiment, by S. O. 243, A. G. O., September 26, 1917.

The regiment was disbanded October 19, 1917 (G. O. 51, A. G. O.), and the Machine Gun Company and Company I, attached to the 14th Infantry, N. Y. G. Formation of new regiment authorized, October 20, 1917 (G. O. 52, A. G. O.)

The companies were mustered into the New York Guard on dates as follows: Headquarters Company, December 3, 1917; Sanitary Detachment, October 29, 1917; Company A, November 8, 1917; Company C, November 26, 1917; Company D, October 31, 1917; Company F, December 18, 1917; Company G, November 8, 1917; Company I, November 2, 1917; Company K, November 9, 1917; Company L, November 19, 1917; Company M, November 8, 1917; Company E, January 2, 1918; Company B, January 14, 1918; Company H, January 8, 1918; Supply Company, January 14, 1918; Machine Gun Company, January 21, 1918.

Performed duty guarding the Aqueduct.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color—Fort McHenry, Md., 1862; Washington, D. C., 1863; Spanish-American War, 1898; Porto Rico, 1898-9; World War, 1917.

On the State Color—Draft riots, 1863; railroad riots, 1877; Fire Island, 1892; Brooklyn, 1895.

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonels</i> | | | | |
| Barthman, Henry Charles, 15 June 17 bvt. brig. gen. 9 May 12 retired 14 Mar. 19 | | maj. 47 N. Y. inf., 3 May 98 to 31 Mar. 99 | pvt. co. K, 23 inf. 29 apr. 87 2 lt. 32 inf. 23 jan. 90 2 lt. 47 inf., with o. r. 18 June 90 1 lt. 25 May 92 cap. 9 Aug. 93 maj. 47 inf. 19 July 00 lt. col. 16 July 03 col. 29 Nov. 07 bvt. brig. gen. 9 May 12 retired 5 Feb. 14 duty with d. b., 47 inf. 15 June 17 col. 47 inf. 15 June 17 accepted 11 Sep 17 | N. Y. 9 Feb. 68 |
| Carlin, Walter Jeffreys, 13 Dec. 18 | | | pvt. co. C, 23 inf. 18 Oct. 99 dropped. 23 Dec. 01 taken up. 23 Mar. 03 corp. 16 May 04 1 lt. 47 inf. 7 June 06 a. d. c., cap. 2 B. 29 Nov. 07 sup. and re-assigned. 21 Jan. 08 1 lt. ord. dept. 11 Feb. 08 sup., det. to 2 B. 27 Feb. 08 bvt. cap. 3 Dec. 08 maj. ord. dept. 23 Dec. 10 i. g. major 26 Apr. 12 i. and h. dis. 15 Nov. 16 r. l. 15 Jan. 18 maj., a. g. d. 24 Jan. 18 col. 2 f. a. 13 Dec. 18 n. g. r., major 24 Feb. 19 col. 47 inf. 17 May 19 accepted 20 May 19 | N. Y. 27 Dec. 80 |

FORTY-SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Lieutenant Colonels</i> | | | | |
| Baldwin, Harry Beam, 23 nov. 17 reserve list. 12 nov. 19 | | mustered into u. s. ser. 10 apr. 17 resigned. 27 june 17 | pvt., corp., agt., co. B, 13 inf. 5 may 84 hon. dis. 13 feb. 90 pvt. co. B. 21 july 92 hon. dis. 31 oct. 93 2 lt. 47 inf. 15 july 95 1 lt. 13 inf. 25 apr. 98 supn. 28 nov. 98 assigned to duty, 4 bat., 47 inf. 2 mar. 99 relieved. 24 apr. 99 cap. 47 inf. 20 june 99 maj. 28 apr. 04 lt. col. 11 mar. 14 r. l. 29 mar. 17 resigned. 27 june 17 lt. col. 47 inf. 23 nov. 17 accepted. 5 dec. 17 | N. Y. 21 july 68 |
| Whitley, Frederic Nelson, 27 feb. 19 | | | pvt. tr. C. 1 feb. 02 corp. tr. 5. 19 feb. 06 1 lt. 16 nov. 06 1 lt. 23 jan. 08 cap. 12 nov. 09 maj. eng. corps. 23 dec. 10 r. l. 24 dec. 14 maj. o. of e. 22 jan. 15 hon. dis. 15 aug. 16 maj. q. mc. 29 jan. 18 maj. i. g. d. 16 oct. 18 lt. col. 2 f. a. 27 feb. 19 n. g. r. maj. 12 mar. 19 lt. col. 47 inf. 21 nov. 19 accepted. 21 nov. 19 | N. Y. 15 june 80 |
| <i>Majors</i> | | | | |
| Johnston, Albert T., 23 nov. 17 f. and h. dis. 13 may 19 | | | pvt. co. A, 13 regt. 11 july 93 corp. 9 june 96 dis. by disability 20 may 98 pvt. co. L. 27 feb. 99 2 lt. 13 regt. 6 apr. 99 1 lt. 12 oct. 99 cap. 21 jan. 02 resigned. 23 oct. 05 maj. 47 inf. 23 nov. 17 accepted. 3 dec. 17 | N. Y. 9 mar. 76 |
| Ford, Ernest Graydon, 4 dec. 17 | | | pvt. co. C, 13 inf. 26 nov. 95 corp. 24 nov. 97 sgt. 15 feb. 98 dis. by disbandment. 16 may 98 pvt. 13 inf. 17 dec. 98 sgt. 27 mar. 99 1 sgt. 18 nov. 01 1 lt. 13 inf. 12 may 06 cap. 13 dec. 06 resigned. 16 mar. 08 maj. 47 inf. 4 dec. 17 accepted. 6 dec. 17 | |
| McCutcheon, Henry Daniel, 11 dec. 17 retired. 19 mar. 19 | | cap. rgt. adj. 47 N. Y. inf. 3 may 98 to 31 mar. 99 | pvt., agt., 1 sgt., co. K, 47 inf. 5 nov. 85 to 9 mar. 92 2 lt. 9 mar. 92 1 lt. 25 may 92 bat. adj. 47 inf., with o. r. 11 apr. 94 cap. 47 inf. 27 dec. 07 bvt. maj. 25 feb. 11 retired. 17 jan. 16 maj. 47 inf. 11 dec. 17 accepted. 24 dec. 17 | N. Y. 22 jan. 60 |

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|--------------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains | | | | |
| Rogers, Charles H., Jr., 5 July 16 Distinguished graduate, N. Y. School of the Line, 1915. | H | mustered into u. s. ser. 8 apr. 17 capt. 53 P. Inf. hon. dis. ... 31 mar. 19 | pvt., corp., sgt., co. B, 47 inf. 1 July 12 to 8 nov. 13 2 lt. 47 inf. 8 nov. 13 1 lt. 5 May 14 cap. 5 July 16 accepted 5 July 16 dft. 5 Aug. 17 cap. 47 inf. 7 July 19 accepted 14 July 19 | N. Y. 8 Feb. 90 |
| Alberry, William F., 7 nov. 17 | I | | cap. 47 inf. 7 nov. 17 accepted 12 nov. 17 | N. Y. 27 May 74 |
| Finkelmeier, William, 8 nov. 17 | D | | pvt. co. I, 32 inf. 2 dec. 82 corp. 19 aug. 83 sgt. 23 June 84 1 sgt. 27 nov. 85 2 lt. 32 inf. 18 oct. 87 1 lt. 27 dec. 89 resigned. 3 feb. 92 pvt. co. H, 14 inf. 23 June 94 hon. dis. 21 sep. 96 cap. 47 inf. 8 nov. 17 accepted 12 nov. 17 | N. Y. 20 nov. 64 |
| Jennings, John Dollo, 15 nov. 17 | m. g. co. | sgt. co. F, 23 N. Y. inf. 12 may 98 to 23 nov. 98 | pvt. co. B, 13 inf. 9 feb. 93 to 29 aug. 93 pvt., corp., sgt., co. B, 13 rgt. 19 nov. 95 to 15 nov. 01 1 lt. 13 inf. 15 nov. 07 1 lt. c. a. c. 23 jan. 08 cap. 12 July 12 r. l. 23 feb. 17 cap. 47 inf. 15 nov. 17 accepted 17 nov. 17 N. G. R., maj. 14 apr. 19 | N. Y. 21 nov. 74 |
| Tollner, William, 20 nov. 17 | G | | pvt. co. B, 23 inf. 28 sep. 03 full and hon. dis. 17 jan. 10 re-enlisted. 29 dec. 10 full and hon. dis. 7 June 15 cap. 47 inf. 20 nov. 17 accepted 23 nov. 17 | N. Y. 1 mar. 81 |
| Downs, Thomas, 20 nov. 17 | M | | cap. 20 nov. 17 accepted 26 nov. 17 | N. Y. 1 nov. 80 |
| Mayer, Valentine T., 20 nov. 17 | K | pvt. 6 u. s. inf., 27 sep. 99 to 8 mar. 02 pvt. 18 u. s. inf., 13 June 06 to 12 June 10 | cap. 20 nov. 17 accepted 26 nov. 17 | N. Y. 6 June 79 |
| McCarty, Simon John, 20 nov. 17 f. and h. dis. ... 10 July 19 | A | pvt. co. A, 8 N. Y. vols. 2 may 98 to 3 nov. 98 pvt. Panama sanitary ser., u. s. a., 15 dec. 03 to 1 mar. 04 | pvt. co. A, 8 inf. 3 nov. 98 corp. 2 feb. 00 sgt. 15 feb. 01 1 sgt. 31 jan. 02 full and hon. dis. 4 dec. 03 pvt. co. A, 71 inf. 29 mar. 04 dropped. 16 apr. 05 taken up, 25 co. c. a. c. 16 may 05 1 sgt. 8 apr. 06 full and hon. dis. 24 apr. 14 cap. 47 inf. 20 nov. 17 accepted 26 nov. 17 | N. Y. 2 apr. 77 |

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Concluded | | | | |
| Howe, Henry Clayton, 23 nov. 17 | E | | cap. 23 nov. 17 accepted. 1 dec. 17 | N. Y. 30 jan. 86 |
| Dalmasse, Eliodore P., 23 nov. 17 reserve list. 20 june 19 | sup. co. | | cap. 23 nov. 17 accepted. 1 dec. 17 | |
| Townsend, George, 23 nov. 17 hon. dis. 28 june 19 | B | 14 U. S. vols., 2 may 98 to 27 oct. 98 84 co. c. a. c., 26 jan. 99 to 21 sep. 06 | cap. 23 nov. 17 accepted. 3 dec. 17 | N. J. 30 dec. 77 |
| Shipman, Edward Tuthill, 23 nov. 17 | L | | pvt. co. G, 28 inf. 27 feb. 09 corp. 18 dec. 11 full and hon. dis. 14 oct. 12 re-enlisted. 5 jan. 14 corp. 16 mar. 14 full and hon. dis. 10 jan. 16 re-enlisted. 7 feb. 16 tra. to depot bat. 29 june 16 cap. 47 inf. 23 nov. 17 accepted. 3 dec. 17 | N. Y. 23 june 88 |
| Carlson, Oscar, 4 dec. 17 | C | pvt. co. G, 14 N. Y. inf. 2 may 98 to 27 oct. 98 mustered into u. s. a. ser. 1 aug. 16 out 11 oct. 16 | pvt., corp., qm. Sgt., 1 Sgt., co. G, 14 inf. 11 may 98 to 5 may 10 2 lt. 14 inf. 5 may 10 1 lt. 17 may 11 cap. 19 apr. 12 r. l. 19 apr. 17 cap. 47 inf. 4 dec. 17 accepted. 10 dec. 17 N. G. R., maj. 14 apr. 19 | Sweden 5 june 76 |
| Barter, Malcolm E., 4 dec. 17 | H | pvt. co. G, 1 N. Y. vols. 20 may 98 to 16 mar. 99 | pvt. 3 sep. co. 8 mar. 97 dropped. 31 oct. 99 cap. 47 inf. 4 dec. 17 accepted. 10 dec. 17 | N. Y. 18 feb. 78 |
| Thompson, Walter, 8 apr. 18 hon. dis. 26 june 19 | chaplain | | 1 lt. 47 inf. 23 nov. 17 cap. 8 apr. 18 accepted. 10 apr. 18 | |
| Young, William J., 10 may 18 reserve list. 1 july 19 | i. a. s. p. | pvt. co. A, 47 regt. N. Y. v., 1898; Sgt., 98-99. | pvt. co. A, 47 regt. 24 feb. 97 lance corp. 2 nov. 97 corp. 22 feb. 98 Sgt. 30 oct. 99 1 Sgt. 13 june 00 2 lt. 47 inf. 28 may 06 resigned. 15 mar. 07 1 lt. ord. 13 apr. 08 1 lt. 47 inf. 1 may 14 r. l. 2 july 14 cap. 47 inf. 10 may 18 accepted. 16 may 18 | N. Y. 5 aug. 74 |
| Gogin, Ernest Benton, 4 dec. 18 | m. g. co. | pvt. co. A, Mass. 2 inf. 17 june 97 to 21 jan. 99 must. out. 21 jan. 99 | 2 lt. 47 inf. 4 june 14 1 lt. 9 july 14 resigned. 17 mar. 17 1 lt. 47 inf. 15 nov. 17 cap. 4 dec. 18 accepted. 6 dec. 18 N. G. R. 9 dec. 19 | Mass. 31 aug. 78 |
| Mahoney, Timothy S., 4 dec. 18 | B | | 1 lt. 47 inf. 23 nov. 17 cap. 4 dec. 18 accepted. 9 dec. 18 | N. Y. 10 oct. 77 |

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants</i> | | | | |
| Rooney, William J. A., 8 nov. 17 | D | pvt. co. C, 14 N. Y. vols. 2 may 98 to 27 oct. 98 | pvt. co. C, 14 inf. 22 sep. 93 full and hon. dis. 3 jan. 99 1 lt. 47 inf. 8 nov. 17 accepted. 12 nov. 17 | N. Y. 14 dec. 71 |
| Trigge, Herbert R., 20 nov. 17 | K | pvt. co. D, 14 N. Y. vols. 2 may 98 to 27 oct. 98 | pvt. co. D, 14 inf. 28 mar. 98 corp. 20 mar. 99 full and hon. dis. 30 mar. 03 1 lt. 20 nov. 17 accepted. 23 nov. 17 | N. Y. 31 dec. 77 |
| Reynolds, Charles H., 20 nov. 17 hon. dis. 14 feb. 19 | A | ..... | 1 lt. 20 nov. 17 accepted. 26 nov. 17 | N. Y. 12 nov. 77 |
| Reilly, Edward J., 23 nov. 17 reserve list. 2 dec. 19 | A | ..... | pvt. 3 batty. 9 dec. 03 dropped. 25 mar. 07 1 lt. 23 nov. 17 accepted. 30 nov. 17 | ..... |
| Lindner, Harold M., 4 dec. 17 | M | ..... | 1 lt. 4 dec. 17 accepted. 10 dec. 17 | N. Y. 29 nov. 86 |
| Eckman, Carl G., 4 dec. 17 reserve list. 23 july 19 | C | ..... | pvt. co. G, 14 inf. 11 may 03 corp. 5 mar. 06 sgt. 2 dec. 07 1 sgt. 24 mar. 13 full and hon. dis. 19 july 15 1 lt. 47 inf. 4 dec. 17 accepted. 10 dec. 17 | Sweden 16 jan. 84 |
| Marsh, Harold, 18 july 18 | G | ..... | 1 sgt. 15 oct. 17 sgt. co. G 4 feb. 18 2 lt. 47 inf. 27 mar. 18 1 lt. 18 july 18 accepted. 22 july 18 | N. Y. 23 dec. 82 |
| David, Clarence M., 14 aug. 18 | M | ..... | pvt. co. L, 14 inf. 12 may 02 dropped. 19 jan. 03 pvt. co. M, 47 inf. 23 nov. 17 2 lt. 47 inf. 23 nov. 17 1 lt. 14 aug. 18 accepted. 19 aug. 18 | N. Y. 16 apr. 83 |
| Kallet, Isadore, 14 aug. 18 hon. dis. 24 july 19 | B | ..... | 2 lt. 11 dec. 17 1 lt. 14 aug. 18 accepted. 19 aug. 18 | Ky. 6 mar. 83 |
| Langhorst, Frederick W., 4 dec. 18 | I | ..... | pvt. co. M, 47 inf. 9 nov. 17 sgt. 4 dec. 18 1 lt. 47 inf. 4 dec. 18 accepted. 6 dec. 18 | N. Y. 20 sep. 85 |
| Bloser, Edward W., 4 dec. 18 | K | ..... | pvt. co. G, 22 inf. 12 dec. 04 dropped. 29 oct. 06 2 lt. 47 inf. 20 nov. 17 1 lt. 47 inf. 4 dec. 18 accepted. 9 dec. 18 | N. Y. 13 jan. 81 |
| La Place, Edward W., 4 dec. 18 | L | ..... | pvt. co. B, sig. cps. 28 jan. 07 dropped. 8 dec. 10 pvt. co. B, sig. cps. 18 dec. 17 sgt. 8 apr. 17 1 lt. 47 inf. 4 dec. 18 accepted. 9 dec. 18 | N. Y. 13 aug. 88 |

FORTY-SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Blans, Charles J., 18 dec. 18 | F | mustered into u. s. ser. 1 apr. 17 hon. dis. ... 16 dec. 17 | pvt. 7 co. 13 c. a. c. ... 22 sep. 03 corp. 23 oct. 06 sgt. 24 nov. 08 full and hon. dis. 18 may 09 pvt. 5 co. 21 oct. 10 dis. 19 dec. 11 pvt. co. H, 47 inf. 29 nov. 15 qtm. sgt. 17 apr. 16 1 sgt. 16 oct. 16 dft. 5 aug. 17 pvt. co. B. 10 aug. 17 trans. co. E, 14 inf. 22 oct. 17 1 sgt. 29 oct. 17 sup. sgt. 17 dec. 17 trans. co. E, 14 inf. 11 mar. 18 2 lt. 47 inf. 5 june 18 1 lt. 18 dec. 18 accepted. 20 dec. 18 | N. Y. 11 apr. 86 |
| Travers, John H., 26 dec. 18 hon. dis. 29 may 19 | m. g. co. | ..... | 2 lt. 47 inf. 8 nov. 17 1 lt. 26 dec. 18 accepted. 28 dec. 18 | N. Y. 2 aug. 69 |
| Chapple, Arthur G., 12 mar. 19 | bat. adj. | 1 lt. inf. 6 oct. 17 hon. dis. ... 1 feb. 19 | pvt. 1 motor batty. apr. 16 hon. dis. june 17 1 lt. 47 inf. 12 mar. 19 accepted. 14 mar. 19 | Penn. 15 aug. 84 |
| Platz, Robert Herman, 15 aug. 19 | C | mustered into u. s. ser. 4 july 16 out 17 june 17 1 lt. u. s. g. 25 june 18 hon. dis. ... 27 jan. 19 | pvt. co. B, 23 inf. 5 nov. 06 corp. 22 mar. 09 sgt. 1 may 11 full and hon. dis. 6 june 15 re-enlisted. 6 june 15 hon. dis. 8 may 17 cap. 11 dec. 17 accepted. 17 dec. 17 hon. dis. 25 june 18 2 lt. 47 inf. 17 july 19 1 lt. 15 aug. 19 accepted. 18 aug. 19 | N. Y. 20 oct. 78 |
| Clark, Arthur P., 19 sep. 19 | A | served 2 years in 2 West York art. vol. enlisted 25 mar. 91 n 2 dragoons (Roy. Scots guards); dis- charged 25 nov. 98 mustered into u. ser. 1 apr. 17 cap. 62 pioneer inf. hon. dis. ... 18 jan. 19 | pvt. co. L, 47 inf. 26 apr. 15 corp. 14 june 15 sgt. 12 june 16 1 lt. 23 jan. 17 capt. 21 apr. 17 accepted. 28 apr. 17 s.dft. 5 aug. 17 1 lt. 47 inf. 19 sep. 19 accepted. 22 sep. 19 | Eng. 21 jan. 71 |
| <i>Second Lieutenants</i> | | | | |
| McNair, James Taylor, 23 nov. 17 | sup. co. | 2 lt. av. sec may 1911 to june 1913. | 2 lt. 23 nov. 17 accepted. 1 dec. 17 | N. Y. 28 oct. 91 |
| Grosser, William, 23 nov. 17 hon. dis. 3 feb. 19 | L | ..... | 2 lt. 23 nov. 17 accepted. 3 dec. 17 | N. Y. 2 oct. 86 |
| Forshay, Harold A., 23 nov. 17 f. and h. dis. ... 6 jan. 19 | E | ..... | pvt. tr. C, cav. 7 dec. 03 full and hon. dis. 5 nov. 06 2 lt. 47 inf. 23 nov. 17 accepted. 3 dec. 17 | N. Y. 27 apr. 83 |
| Finn, Harold C., 27 nov. 17 | H | 2 lt. inf. 27 nov. 17 to 53 pioneer inf., 13 jan. 18 hon. dis. ... 24 apr. 19 | 2 lt. 47 inf. 24 july 19 accepted. 28 july 19 | N. Y. 8 mar. 96 |

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|-----------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Second Lieutenants—Con-cluded | | | | |
| Mowat, Sydney S., 2 aug. 18 reserve list..... 25 aug. 19 | G | | pvt. co. G, 47 inf. 8 nov. 17 sgt. 6 may 18 2 lt. 47 inf. 2 aug. 18 accepted 5 aug. 18 | N. Y. 1 sep. 93 |
| Stickney, John W., 26 aug. 18 | M | | pvt. co. M, 47 inf. 9 nov. 17 1 sgt. 19 aug. 18 2 lt. 47 inf. 26 aug. 18 accepted 26 aug. 18 | N. Y. 29 July 81 |
| Silver, Elias, 26 aug. 18 | B | | pvt. 15 co., 9 c.a.c. 1 nov. 07 f. and h. dis. 8 July 12 ovt. co. H, 47 inf. 26 nov. 17 1 sgt. 1 mar. 18 2 lt. 47 inf. 26 aug. 18 accepted 28 aug. 18 | N. Y. 17 apr. 88 |
| Farrell, John A., 26 aug. 18 hon. dis. 1 June 19 | | | pvt. co. B, 47 inf. 23 oct. 17 sup. sgt. 2 lt. 47 inf. 26 aug. 18 accepted 28 aug. 18 | N. Y. 2 apr. 72 |
| Morrison, Harry S., 25 sep. 18 f. and h. dis. 4 dec. 19 | C | mustered into u. s. ser. 20 July 17 sgt. 106 inf., hon. dis. 1 Aug. 18 2 lt. 321 m. g. btm., 25 sep. 18 hon. dis. 10 June 19 | pvt. co. G, 14 inf. 8 June 14 dft. 5 Aug. 17 2 lt. 47 inf. 24 July 19 accepted 28 July 19 | Conn. 22 sep. 96 |
| Gair, Russell A., 4 dec. 18 reserve list..... 20 dec. 19 | F | | 2 lt. 47 inf. 4 dec. 18 accepted 9 dec. 18 | N. Y. 25 June 92 |
| Biemser, Joseph, 4 dec. 18 f. and h. dis. 29 May 19 | C | Mex. Bdr. 19 June 18 to 11 Oct. 16 | pvt. co. G, 14 regt. 7 Oct. 12 corp. 14 Dec. 14 qm. sgt. 15 Jan. 15 h. dis. 16 July 17 pvt. co. C, 47 inf. 26 Nov. 17 1 sgt. 17 Dec. 17 2 lt. 47 inf. 4 Dec. 18 accepted 9 Dec. 18 | N. Y. 10 Apr. 94 |
| Walshak, Anthony I., 6 Jan. 19 | D | | pvt. co. D, 47 inf. 24 Oct. 17 1 sgt. 17 Dec. 17 2 lt. 47 inf. 6 Jan. 19 accepted 13 Jan. 19 | N. Y. 12 June 96 |
| Dwyer, George H., 9 Jan. 19 | m. g. co. | | 2 lt. 47 inf. 9 Jan. 19 accepted 13 Jan. 19 | N. Y. 26 Apr. 85 |

SIXTY-NINTH INFANTRY, N. Y. G.

(First Brigade)

Armory, 61 Lexington Avenue, New York City

Organised as a Depot Battalion July, 1917. Designated 69th Infantry, N. Y. G., by G. O. 37, A. G. O., August 3, 1917. Changed to regimental organization S. O. 283, A. G. O., November 8, 1917.

Mustered into New York Guard on dates as follows: Company A, November 7, 1917; Company B, August 17, 1917; Company C, September 21, 1917, mustered in as Company K, letter changed to C, October 4, 1917; Company D, November 26, 1917; mustered in as Company F, letter changed to D, February 16, 1918; Company E, November 26, 1917; Company F, November 26, 1917; Company G, November 30, 1917; Company H, December 14, 1917; Company I, December 4, 1917; Elmford Home Defense Unit mustered into New York Guard as 5th Co. 8th C. A. C., transferred to 69th Infantry, December 22, 1917; G. O. 64, A. G. O.; Company K, December 28, 1917; Company L, February 16, 1918; Company M, February 16, 1918; Headquarters Company, March 30, 1918; Supply Company, March 30, 1918; Sanitary Detachment, March 30, 1918; Machine Gun Company, May 20, 1918.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Civil War, 1861–1865; Blackburn's Ford, Va., July 18, 1861; Bull Run, Va., July 21, 1861; Rappahannock Station, Va., March 28–29, 1863; Yorktown, Va., April 16–May 4, 1863; Fair Oaks, Va., June 1, 1863; Gaines' Mill, Va., June 27–28, 1863; Savage Station, Va., June 29, 1863; Peach Orchard, Va., June 29, 1863; White Oak Swamp, Va., June 30, 1863; Glendale, Va., June 30, 1863; Malvern Hill, Va., July 1, 1863; Antietam, Md., September 17, 1863; Charlestown, W. Va., October 16–17, 1863; Snickers Gap, Va., November 2, 1863; Hartwood Church, Va., November 17, 1863; Fredericksburg, Va., December 11–15, 1863; Deserted House, or Kelley's Store, near Suffolk, Va., January 30, 1863; Suffolk, Va., April 11–May 4, 1863; Chancellorsville, Va., May 1–3, 1863; Carrsville, Va., May 16, 1863; Gettysburg, Va., July 1–3, 1863; Auburn Mills, Va., October 14, 1863; Bristoe Station, Va., October 14, 1863; Mine Run, Va., November 26–December 2, 1863; Wilderness, Va., May 5–7, 1864; Po River, Va., May 9–10, 1864; Spotsylvania (angle), May 8–21, 1864; Landron House, Va., May 18, 1864; North Anna River, Va., May 22–26, 1864; Totopotomoy Creek, Va., May 27–31, 1864; Cold Harbor, Va., June 1–12, 1864; Petersburg (assault), Va., June 16, 1864; Weldon Railroad, Va., June 21, 22, 26–29, 1864; Deep Bottom, Va., July 27–29, 1864; Strawberry Plains, Va., August 14–18, 1864; Reams Station, Va., August 25, 1864; Boydton Plank Road, Va., October 27–28, 1864; Hatcher's Run, Va., December 8–9, 1864; Hatcher's Run or Dabney's Mills, Va., February 5–7, 1865; Skinner's Farm, Va., March 25, 1865; Crow's House, near Petersburg, Va., March 31, 1865; Hatcher's Run, Va., March 31, 1865; siege of Petersburg, Va., June 17, 1864–April 2, 1865; Sutherland Sta. Boydton Plank Road, Va., April 2, 1865; Sailor's Creek, Va., April 6, 1865; Farmville, Va., April 7, 1865; Appomattox Court House, Va., April 9, 1865; Spanish-American War, 1898; World War, 1917.

On the State Color.—Quarantine riots, 1858; draft riots, 1863; Fire Island, 1892; Brooklyn, 1895.

SIXTY-NINTH INFANTRY — NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|---|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Phelan, John James, 21 nov. 17 | ..... | mustered into u. s. ser. 6 july 16 dis. for physical dis- ability...12 july 16 | pvt., corp., co. G, bat. qm. agt., 69 inf. 10 june 95 1 lt. 69 inf. 16 may 02 cap. 21 may 07 lt. col. 17 apr. 14 discharged, physical disability s.o. 159, e. d. 12 july 16 r. l. 21 dec. 16 duty with 69 inf. 4 aug. 17 col. 69 inf. 21 nov. 17 accepted. 26 nov. 17 | N. Y. 3 june 72 |
| <i>Lieutenant Colonel</i> | | | | |
| Costigan, William John, 12 jan. 18 | C | 2 lt. 69 N. Y. inf. 2 may 98 to 31 jan. 99. | pvt. co. G, 69 inf. 25 may 95 corp. 10 june 95 1 sgt. 16 nov. 97 1 lt. 69 inf. 4 may 99 cap. 28 nov. 05 r. l. 6 mar. 10 duty with depot bat. 69 inf. 5 july 16 cap. 69 inf. 5 july 16 lieut. col. 12 jan. 18 accepted. 15 jan. 18 | N. Y. 24 may 70 |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Majors | | | | |
| Cummings, Bernard Francis, 22 jan. 18 | D | 1 lt. 69 N. Y. inf., 2 may 98 to 31 jan. 99 mustered into u. s. ser. 6 july 16 resigned. 28 nov. 16 | pvt., corp., co. G, 69 inf. 10 june 95 to 8 oct. 97 2 lt. 8 oct. 97 1 lt. 23 feb. 00 cap. 18 oct. 04 resigned. 28 nov. 16 r. l. 4 sep. 17 detailed to duty with 69 inf. 18 oct. 17 cap. 69 inf. 18 oct. 17 major. 22 jan. 18 accepted. 22 jan. 18 | N. Y. 30 mar. 71 |
| Cronin, James Michael, 26 jan. 18 | F | ..... | pvt. co. G, 69 inf. 10 june 95 sgt. 22 july 95 1 sgt. 4 may 96 1 lt. 22 oct. 97 cap. 20 apr. 99 cap. co. A. 24 nov. 99 resigned. 3 aug. 00 cap. 69 inf. 11 dec. 17 major. 26 jan. 18 accepted. 31 jan. 18 | N. Y. 29 july 72 |
| McSherry, Felix J., 5 mar. 18 | ..... | 69 regt. N. Y. vols., 19 may 98 to 31 jan. 99 | pvt. co. C, 69 regt. 10 feb. 90 corp. 13 may 92 sgt. co. C, 69 bat. 27 dec. 93 1 sgt. 9 nov. 96 1 lt. 69 inf. 19 july 00 cap. 18 oct. 00 dis. 29 july 17 r. l. 14 aug. 17 cap. 69 inf. 8 jan. 18 major. 5 mar. 18 accepted. 11 mar. 18 | Eng. 27 nov. 70 |
| Dinean, Joseph P., 9 aug. 18 hon. dis. 26 dec. 19 | chap. | ..... | chaplain, 69 inf. 12 jan. 18 maj., chaplain. 9 aug. 18 accepted. 19 aug. 18 | N. Y. 13 june 83 |
| Captains | | | | |
| Muller, Nicholas W., 18 oct. 17 reserve list 26 dec. 19 | B | pvt. co. K, 65 inf., N. Y. v. 1 may 98 corp. 17 may 98 dis. 19 nov. 98 pvt. co. D, 42 U. S. v. i. 15 sep. 99 sgt. 20 sep. 99 1 sgt. 20 oct. 99 dis. 30 june 01 | pvt. co. K, 65 inf. 1 may 98 hon. dis. 25 oct. 99 pvt. co. F, 69 inf., depot bat. july 16 dis. 6 nov. 16 1 lt. 69 inf. 17 aug. 17 cap. 18 oct. 17 accepted. 22 oct. 17 | Ger. 7 feb. 77 |
| Hickey, Charles Augustus, 15 nov. 17 f. and h. dis. 2 dec. 19 | adjt. | ..... | pvt. co. C, 23 inf. 19 sep. 91 hon. dis. 12 oct. 96 2 lt. 69 inf. 25 mar. 10 with rank from. 16 mar. 10 1 lt. 1 aug. 10 with rank from. 19 july 10 resigned. 8 may 13 r. l. 5 july 16 duty with depot bat. 69 inf. 5 july 16 1 lt. 69 inf. 5 july 17 cap. 69 inf. 15 nov. 17 accepted. 17 nov. 17 | N. Y. 6 july 73 |

SIXTY-NINTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Tompkins, Arthur Melville, 11 dec. 17 | I | cap. 9 regt. N. Y. Vols. 20 may 98 to 26 July 98 | pvt. 22 inf. 30 oct. 84 2 lt. 11 inf. 1 mar. 88 supernumerary 14 jan. 89 2 lt. 9 inf. 12 June 90 cap. 20 may 93 cap. c. a. c. 23 Jan. 08 with rank from 29 May 93 retired 21 Dec. 09 cap. 8 c. a. c. 11 Dec. 17 cap. 69 inf. 27 Dec. 17 accepted 28 Dec. 17 | N. Y. 81 sep. 66 |
| Knight, John C., 11 dec. 17 | E | Mass. vol. mil., 22 Jan. 97 pvt., corp., sgt., 22 Jan. 06 | cap. 69 inf. 11 Dec. 17 accepted 17 Dec. 17 | Mass. 19 apr. 66 |
| Conradt, Edward Joseph, 28 Feb. 18 | F | | pvt. co. G, 69 inf. 4 Sep. 17 dis. 21 Oct. 17 2 lt. 69 inf. 18 Oct. 17 cap. 28 Feb. 18 accepted 1 Mar. 18 | N. Y. 9 June 84 |
| Cronin, Francis Joseph, 28 Feb. 18 | D | 2 lt. 69 N. Y. vols., 19 May 98 1 lt. 14 Sep. 98 dis. 26 Nov. 98 | pvt. co. A, 22 eng. 11 Feb. 95 tra. to 69 inf. 4 May 96 sgt. 16 Nov. 97 2 lt. 69 inf. 30 Apr. 98 sup. 5 May 99 assigned to co. D, 69 inf. 31 July 99 1 lt. 14 Dec. 99 resigned 9 Oct. 00 1 lt. 69 inf. 11 Dec. 17 cap. 28 Feb. 18 accepted 1 Mar. 18 | N. Y. 11 June 70 |
| Quinn, Denis J., 27 Mar. 18 | H | | 69 inf., N. G. N. Y. 20 June 12 dropped 20 Jan. 13 1 lt. 69 inf. 8 Jan. 18 cap. 27 Mar. 18 accepted 1 Apr. 18 | Mass. 16 Aug. 82 |
| Weinberg, Edward F., 25 Apr. 18 | | | 2 lt. 69 inf. 23 Jan. 18 cap. 25 Apr. 18 accepted 29 Apr. 18 | N. Y. 23 Feb. 85 |
| Freestone, Jesse H., 10 May 18 | K | | pvt. 9 regt. co. F. 23 July 00 corp. 15 Apr. 01 sgt. 22 Apr. 04 1 sgt. 20 Feb. 05 full and hon. dis. 25 May 06 1 lt. 9 c. a. c. 5 Sep. 17 1 lt. 69 inf. 14 Jan. 18 cap. 10 May 18 accepted 13 May 18 | N. Y. 12 Aug. 73 |
| Devane, John Patrick, 5 June 18 | m. g. co. | 1 lt. 69 N. Y. vols., 19 May 98 to 31 Jan. 90 | pvt. co. B, 69 inf. 22 June 94 corp. 6 Aug. 94 sgt. 13 Sep. 95 sgt. maj. 7 May 96 2 lt. 69 inf. 30 Apr. 98 supernumerary 5 May 99 assigned to duty with 8 inf. 7 Dec. 03 1 lt. 8 June 04 resigned 13 Apr. 08 r. l. 10 July 16 duty with depot bat. 69 inf. 10 July 16 1 lt. 69 inf. 20 Nov. 17 cap. 5 June 18 accepted 7 June 18 | Ire. 17 Mar. 72 |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|----------------|--|---|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Foley, Frank C., 19 june 18 | i. s. a. p. | ..... | pvt. h. c. 9 c. a. c. 2 dec. 08 full and hon. dis. 21 june 15 re-enlisted. 21 june 15 dis. 14 july 17 2 lt. 9 c. a. c. 5 sep. 17 2 lt. 69 inf. 14 jan. 18 1 lt. 27 feb. 18 cap. 19 june 18 accepted. 24 june 18 | Penn. 8 june 90 |
| Crowley, William Adolph. 25 oct. 18 | G | ..... | 1 lt. 69 inf. 19 dec. 17 cap. 25 oct. 18 accepted. 4 nov. 18 | N. Y. 2 feb. 93 |
| Lannen, John Joseph, 12 nov. 18 | sup. co. | ..... | 69 inf. d. b. 3 aug. 16 1 sgt. sup. co. 8 jan. 18 2 lt. 69 inf. 12 nov. 18 cap. 12 nov. 18 accepted. 14 nov. 18 | N. Y. 8 june 80 |
| Donohue, Alphonsus J., 19 nov. 18 reserve list. . . . 12 sep. 19 | M | ..... | pvt. co. C, 69 inf. 26 mar. 18 1 lt. 3 july 18 cap. 19 nov. 18 accepted. 22 nov. 18 | N. Y. 24 aug. 83 |
| Crowley, Jerome B., 22 nov. 18 | F | Max. ser. . . 26 june 16 to 2 dec. 16 | pvt. co. B, 7 inf. 30 jan. 13 dropped. 20 may 15 taken up. 24 sep. 15 hon. dis. 5 jan. 16 re-enlisted. 20 june 16 dis. 21 apr. 17 2 lt. 69 inf. 12 mar. 18 1 lt. 18 july 18 cap. 22 nov. 18 accepted. 6 dec. 18 | N. Y. 31 jan. 94 |
| O'Flynn, Geoffrey J., 28 may 19 | A | mustered into u. s. ser. 6 june 16 resigned. . . 14 nov. 16 1 lt. inf. . . . 15 aug. 17 cap. 28 may 19 hon. dis. . . . 24 july 19 | pvt. co. D, 69 inf. 21 sep. 08 corp. 29 dec. 11 sgt. 3 may 12 1 sgt. 9 nov. 14 full and hon. dis. 19 mar. 15 re-enl., warrant con. 2 lt. 69 inf. 23 feb. 16 1 lt. 8 june 16 accepted. 12 june 16 r. l. 15 dec. 16 hon. dis. 17 aug. 17 r. l. 29 july 19 cap. 69 inf. 12 dec. 19 accepted. 16 dec. 19 | Ireland 8 apr. 88 |
| Dineen, Sylvester A., 13 june 19 | ad. | pvt. u. s. a. 31 oct. 18 o. t. s., hon. dis., 5 dec. 18 | 1 lt. 69 inf. 11 dec. 17 accepted. 14 dec. 17 hon. dis. 12 nov. 18 r. l. 4 jan. 9 to 69 inf. 13 june 19 cap. 69 inf. 16 dec. 19 accepted. 17 dec. 17 | ..... |
| McNulty, Thomas F., 28 nov. 19 | M | ..... | pvt. hos. cps. 12 regt. 30 jan. 05 dropped. 30 oct. 05 re-enl. co. G, 71 inf. 28 mar. 12 dropped. 12 nov. 12 2 lt. 69 inf. 13 nov. 18 1 lt. 10 dec. 18 cap. 28 nov. 19 accepted. 29 nov. 19 | Ireland 24 sep 83 |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants</i> | | | | |
| Kirkpatrick, Edward Monty. 15 aug. 16 reserve list.... 20 june 19 | A | ..... | pvt. co. G, 169 inf. 11 may 98 corp. 12 jan. 99 hon. dis. 25 feb. 99 pvt. co. G, 69 inf. 12 mar. 00 corp. 31 may 00 sgt. 21 dec. 03 1 lt. co. G, 69 inf. 20 dec. 04 full and hon. dis. 11 june 12 r. l. 5 july 16 duty with depot bat. 69 inf. 15 aug. 16 1 lt. 69 inf. with o. r. 18 oct. 17 accepted. 24 oct. 17 | N. Y. 23 apr. 77 |
| France, Edward N., 8 jan. 18 | bat. adj. | ..... | pvt. d. b. 69 inf. 1 aug. 16 sgt. 1 nov. 16 btl. sgt. maj. 3 dec. 17 1 lt. 69 inf. 8 jan. 18 accepted. 11 jan. 18 | N. Y. 17 apr. 80 |
| McCabe, Frank A., 8 jan. 18 | E | ..... | pvt. co. A, 12 inf. 23 apr. 00 dropped. 24 nov. 04 taken up. 4 june 06 dropped. 27 dec. 07 pvt. co. H. 15 oct. 17 1 lt. 69 inf. 8 jan. 18 accepted. 11 jan. 18 | Mass. 16 aug. 82 |
| Rose, William G., 18 jan. 18 | bat. adj. | ..... | pvt. 8 regt. 8 july 95 trs. to 9 inf. 11 oct. 07 sgt. maj. j. g. 21 mar. 08 full and hon. dis. 15 mar. 15 re-enlisted. 15 mar. 15 full and hon. dis. 15 mar. 16 re-enlisted. 15 mar. 16 warrant continued. dis. 1 lt. 9 c. a. c. 5 sep. 17 1 lt. 69 inf. 18 jan. 18 accepted. 21 jan. 18 | N. Y. 3 aug. 73 |
| Scott, William, 23 jan. 18 | I | ..... | pvt. co. I, 69 inf. 22 oct. 17 1 lt. 69 inf. 23 jan. 18 accepted. 1 feb. 18 | Scot. 29 apr. 64 |
| Byrne, Michael William, 28 feb. 18 | F | ..... | pvt. co. A, 69 regt. 24 june 02 corp. 13 june 06 sgt. 1 nov. 09 1 sgt. 10 feb. 11 full and hon. dis. 15 mar. 15 pvt. co. F, 69 inf. 11 oct. 17 1 lt. 28 feb. 18 accepted. 4 mar. 18 | N. Y. 16 mar. 85 |
| O'Brien, Edward, 12 mar. 18 | D | corp. c. a. c. 9 N. Y. v. 17 may 98 to 15 nov. 98 | pvt. co. A, 9 regt. 10 apr. 93 lance corp. 24 apr. 96 corp. 2 apr. 97 full and hon. dis. as sgt. 30 oct. 99 re-enlisted. 28 apr. 02 full and hon. dis. 7 june 09 re-enlisted. 13 july 14 dis. 12 july 17 2 lt. 9 c. a. c. 5 oct. 17 2 lt. 69 inf. 14 jan. 18 1 lt. 12 mar. 18 accepted. 15 mar. 18 | N. Y. 1 jan. 70 |

SIXTY-NINTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|--|-------------------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Darby, Walter F., 12 apr. 18 f. and h. dis. . . . 27 feb. 19 | bat. adj. | ..... | pvt. co. C, 69 inf. . . . 14 jan. 07 sgt. 14 mar. 08 1 sgt. 7 feb. 10 full and hon. dis. . . . 10 mar. 15 1 lt. 69 inf. 12 apr. 18 accepted. 15 apr. 18 | N. Y. 31 July 80 |
| Daly, Charles, 10 may 18 hon. dis. 21 nov. 19 | H | ..... | 1 lt. 69 inf. 10 may 18 accepted. 13 may 18 | N. Y. 7 July 82 |
| Archbold, Robert Paul, 4 June 18 | bat. adj. | pvt. co. M, 9 inf., N Y. vols. . . 2 may 98 dis. 15 nov. 98 | enlisted co. A, 9 inf. . . 15 dec. 98 dis. 23 nov. 12 re-enlisted 13 co., 9 c. a. c. 1 July 16 dis. 30 June 17 2 lt. 9 c. a. c. 5 sep. 17 accepted. 14 sep. 17 r. l. 28 feb. 18 2 lt. 69 inf. 9 apr. 18 1 lt. 4 June 18 accepted. 10 June 18 | N. Y. 25 June 78 |
| Loughman, Edward J., 19 June 18 hon. dis. 17 sep. 19 | asst. i. s. a. p. | ..... | 1 lt. 69 inf. 19 June 18 accepted. 24 June 18 | N. Y. 17 nov. 64 |
| Bradley, Patrick Joseph, 25 oct. 18 hon. dis. 12 sep. 19 | B | ..... | sgt. co. F, 69 inf. d. b. 7 aug. 16 sgt. co. F, 69 inf. . . . 7 aug. 17 1 sgt. 5 oct. 17 2 lt. 69 inf. 17 apr. 18 1 lt. 25 oct. 18 accepted. 2 nov. 18 1 prov. regt. 7 may 18 relieved. 31 jan. 19 | N. Y. 6 nov. 90 |
| Torney, John A., 12 nov. 18 | C | ..... | 2 lt. 69 inf. 5 June 18 1 lt. 12 nov. 18 accepted. 15 nov. 18 | N. Y. 26 nov. 73 |
| Kastner, Maximilian G., 10 dec. 18 hon. dis. 17 dec. 19 | G | ..... | pvt. co. D, 69 inf. . . . 10 sep. 17 1 sgt. 21 jan. 18 2 lt. 20 may 18 1 lt. 10 dec. 18 accepted. 16 dec. 18 | N. Y. 30 may 89 |
| McGovern, Harry B., 10 dec. 18 | L | ..... | 2 lt. 69 inf. 8 Jan. 18 1 lt. 10 dec. 18 accepted. 16 dec. 18 | Can. 7 sep. 84 |
| La Tour, Charles F., 20 Jan. 19 | bat. adj. | U. S. N. R. F., may 1917 to Jan., 1918. | 1 lt. 69 inf. 20 Jan. 19 accepted. 22 Jan. 19 aide to gov. 27 Jan. 19 | N. Y. 6 dec. 94. |
| Hector, John C., 30 July 19 | B | 1 Oct. 18 to 30 Dec. 18. | 1 lt. 19 inf. 10 June 18 accepted. 24 June 18 hon. dis. 1 Nov. 18 r. l. 30 June 19 to 69 inf. 30 July 19 1 lt. 69 inf. 2 Oct. 19 accepted. 2 Oct. 19 | N. Y. 17 Aug 96 |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|----------------|--|--|-------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| O'Grady, Randall V., 13 sep. 19 | A | 2 u. s. c. . . . 10 dec. 04 hon. dis. . . . 9 dec. 07 | pvt. co. G, 69 regt. . . 10 june 85 corp. 26 f. b. 97 sgt. 14 mar. 00 1 sgt. 3 dec. 02 full and hon. dis. . . 6 dec. 04 re-enlisted 2 batty . . 9 nov. 09 dis. 20 may 12 re-enlisted d. b. 69 inf. 3 aug. 17 co. A, 69 inf. 7 nov. 17 1 sgt. 2 lt. 69 inf. 18 jan. 18 1 lt. 13 sep. 19 accepted 23 sep. 19 | N. Y. 12 f. b. 75 |
| Egan, John E., 31 dec. 19 | M | c. o. t. s. . . . 13 oct. 18 hon. dis. . . . 20 nov. 18 | pvt. co. M, 69 inf. . . 12 feb. 18 hon. dis. . . . 12 oct. 18 pvt. co. M, 69 inf. . . 18 dec. 18 sgt. 17 mar. 19 1 lt. 69 inf. 31 dec. 19 accepted 2 jan. 20 | N. Y. 17 feb. 97 |
| <i>Second Lieutenants</i> | | | | |
| Decker, William, 23 jan. 18 | I | | pvt. co. I, 69 inf. . . 22 oct. 17 2 lt. 69 inf. 23 jan. 18 accepted 1 feb. 18 | N. Y. 10 feb. 89 |
| Roche, Thomas A., 14 mar. 18 | F | | co. G, 69 inf. 4 sep. 17 sgt. 10 sep. 17 2 lt. 69 inf. 14 mar. 18 accepted 22 mar. 18 | N. Y. 3 may 92 |
| Connell, John J., 27 mar. 18 | D | | 2 lt. 69 inf. 27 mar. 18 accepted 26 apr. 18 | Can. 30 dec. 78 |
| Maloney, Anthony L. K., 9 apr. 18 hon. dis. . . . 27 feb. 19 | H | | pvt. co. H, 69 inf. . . 8 feb. 17 2 lt. 69 inf. 9 apr. 18 accepted 24 apr. 18 | Pa. 5 aug. 98 |
| Duggan, Robert E., 5 june 18 reserve list. . . 8 nov. 19 | m. g. co. | | pvt. co. G, 69 inf. . . 10 sep. 17 corp. 19 dec. 17 ret. and trans. hdq. co 29 mar. 18 color sgt. 29 apr. 18 2 lt. 69 inf. 5 june 18 accepted 8 june 18 | N. Y. 30 aug. 95 |
| Eagleton, Charles E., 19 june 18 | K | | pvt. co. E, 69 inf. . . 22 nov. 17 sgt. — mar. 18 2 lt. 69 inf. 19 june 18 accepted 24 june 18 | Cal. 15 feb. 82 |
| Ridgely, Clifford E., 15 july 18 | band leader | | pvt. hdq. co. 69 inf. . 18 jan. 18 chief musician. . . . 25 jan. 18 band leader. 29 apr. 18 2 lt. 69 inf. 15 july 18 accepted 22 july 18 | Ohio 27 nov. 73 |
| Baker, Charles J., 9 oct. 18 | m. g. co. | | pvt. co. L, 69 inf. . . 5 june 16 to d. b. co. B, 69 inf. 5 july 16 dpt. 15 dec. 16 pvt. m. g. co. 60 inf. 20 may 18 2 lt. 69 inf. 9 oct. 18 accepted 21 oct. 18 | N. Y. 17 oct. 92 |
| Inselman, Henry C., 23 oct. 18 reserve list. . . 8 nov. 19 | B | | pvt. d. b. 69 inf. . . 2 aug. 16 pvt. co. B, 69 inf. . . 2 aug. 17 2 lt. 69 inf. 25 oct. 18 accepted 5 nov. 18 1 prov. regt. 12 nov. 18 relieved 1 apr. 19 | N. Y. 20 july |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|--|--|---------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Cont'd</i> | | | | |
| Hoehler, Fred'k W., Jr. 20 nov. 18 hon. dis. 12 sep. 19 | L | ..... | pvt. co. G, 69 inf. 30 nov. 17 trans. hdq. co. 29 mar. 18 color sgt. 29 apr. 18 2 lt. 69 inf. 20 nov. 18 accepted 25 nov. 18 | N. Y. 29 mar. 18 94 |
| Pommerer, William C., 27 nov. 18 | sup. co. | ..... | pvt. sup. co. 69 inf. 25 jan. 18 regt. sup. sgt. 17 apr. 18 2 lt. 69 inf. 27 nov. 18 accepted 3 dec. 18 | Ger. 23 aug. 71 |
| Murray, William R., 3 dec. 18 | C | ..... | pvt. co. C, 69 inf. 14 sep. 17 corp. 14 sep. 17 sgt. 20 may 18 2 lt. 69 inf. 3 dec. 18 accepted 6 dec. 18 | N. Y. 28 mar. 84 |
| Daverson, William E., 20 jan. 19 hon. dis. 8 nov. 19 | G | ..... | pvt. co. G, 69 inf. 1 oct. 18 2 lt. 69 inf. 20 jan. 19 accepted 27 jan. 19 | N. Y. 8 nov. 85 |
| Selby, Raymond C., 24 jan. 18 | M | ..... | pvt. d. u. 69 inf. 2 aug. 16 sgt. 15 oct. 16 pvt. co. B, 69 inf. 5 aug. 17 sgt. 24 sep. 17 to ranks and tra. to co. C. 31 oct. 17 to hdq. co. 5 feb. 18 btrn. sgt. maj. 15 mar. 18 2 lt. 69 inf. 24 jan. 18 accepted 31 jan. 18 | N. J. 18 July 87 |
| Ranney, Francis P. J., 11 feb. 19 f. and h. dis. 8 nov. 19 | E | ..... | pvt. co. E, 22 eng. 14 nov. 10 1 cl. pvt. 14 apr. 13 corp. 20 oct. 13 sgt. 19 feb. 16 f. and h. dis. 23 nov. 17 pvt. co. E, 69 inf. 2 mar. 18 1 sgt. 11 feb. 19 2 lt. 69 inf. 14 feb. 19 accepted 14 feb. 19 | N. J. 1 feb. 90 |
| Quinn, Joseph P., 7 mar. 19 | H | 2 lt. u. s. a. r., 1 dec. 18 | pvt. co. G, 69 inf. 7 sep. 17 sgt. co. F. 19 dec. 17 1 sgt. 9 mar. 18 hon. dis. 15 aug. 18 2 lt. 69 inf. 7 mar. 19 accepted 13 mar. 19 | N. Y. 7 nov. 97 |
| Merritt, Stephen, 2 oct. 19 | L | ..... | pvt. co. B, 7 inf. 25 may 10 f. and h. dis. 13 July 15 re-enl. 13 July 15 dis. 8 July 16 re-enl. 19 sep. 16 dis. 7 may 17 2 lt. 69 inf. 2 oct. 19 accepted 27 oct. 19 | N. Y. 23 feb. 86 |
| Dunne, Bernard J., 28 nov. 19 | E | ..... | pvt. co. E, 69 inf. 22 nov. 17 sup. sgt. 2 mar. 18 1 sgt. 24 feb. 19 2 lt. 69 inf. 28 nov. 19 accepted 1 dec. 19 | Mass. 14 apr. 78 |

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Somerville, Harry P., 28 nov. 19 | m. g. co. | ..... | pvt. m. g. co. 69 inf. . . 6 may 18 corp. 15 july 18 1 sgt. 28 oct. 18 2 lt. 69 inf. 28 nov. 19 accepted 1 dec. 19 | N. Y. 19 mar. 89 |
| Sullivan, Thomas H., 17 dec. 19 | A | o. t. c. 2 june 18 hon. dis. 14 june 17 2 lt. 146 inf. 9 july 18 hon. dis. 19 may 19 | pvt. co. D, 169 regt. . . 13 june 98 corp. 23 sep. 98 sgt. 21 oct. 98 hon. dis. 15 mar. 99 pvt. co. D, 69 inf. . . . 2 feb. 11 corp. 3 may 12 sgt. 20 nov. 14 full and hon. dis. . . . 24 mar. 16 re-enl. and warrant contd. 1 sgt. 2 june 16 re-enlisted — july 17 dft. 5 aug. 17 r. l. 27 oct. 19 2 lt. 69 inf. 17 dec. 19 accepted 19 dec. 19 | N. Y. 5 aug. 81 |

SEVENTY-FIRST INFANTRY, N. Y., N. G.

(First Brigade)

Organized as a Depot Unit, July, 1917. Designated 71st Infantry, New York Guard, August 3, 1917 (G. O. 37, A. G. O.). Organized as a regiment, October 29, 1917 (S. O. 257, A. G. O.).

Company I, Elmsford, attached November 22, 1917 (G. O. 58, A. G. O.); and transferred to 69th Infantry, New York Guard, December 22, 1917 (G. O. 64, A. G. O.). Companies at Sloatsburg, Spring Valley and Suffern, transferred to 1st Infantry, November 14, 1917 (S. O. 239, A. G. O.).

Mustered into the New York Guard, as follows:

Companies A, B, C, and D, September 14, 1917; Company E, November 27, 1917; Company F, October 23, 1917; Company G, November 16, 1917; Company H, November 23, 1917; Machine Gun Company, November 27, 1917; Headquarters Company, November 30, 1917; Company K, January 4, 1918; Company L, January 25, 1918; Company M, February 19, 1918; Company I, March 1, 1918; Sanitary Detachment, March 28, 1918.

Recognized by War Department: Companies A, D and E, June 30, 1919; Machine Gun Company and Company B, August 7, 1919; Companies C and F, October 24, 1919; Company H, November 11, 1919; Company I, November 23, 1919; Sanitary Detachment, December 5, 1919; Supply Company and Company K, December 16, 1919; Company L, December 28, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— Alexandria, Va., May 24, 1861; Aquia Creek, Va., May 31, 1861; Matthis Point, Va., June 27, 1861; Bull Run, Va., July 21, 1861; Tenallytown, D. C., 1862; Washington, D. C., 1862; Gettysburg campaign, 1863; Kingston, Pa., June 23, 1863; near Harrisburg, Pa., June 29, 1863; Spanish-American War, 1898; Cuba, June, July and August, 1898; San Juan Hill, July 1, 1898; Siege of Santiago de Cuba, July 2 to 17, 1898; World War, 1917.

On the State Color.— Dead Rabbit riot, 1857; quarantine riots, 1858; draft riots, 1863; Orange riots, 1871; railroad riots, 1877; Buffalo, 1892; Brooklyn, 1895.

SEVENTY-FIRST INFANTRY — NEW YORK GUARD

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|--|--|-----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Wells, James Hollis, 5 oct. 17 | | cap. 71 N. Y. inf., 2 may 98 maj. 17 may 98 to 15 nov. 98 | pvt. 7 inf. 3 mar. 91 2 lt. 71 inf. 14 dec. 92 cap. 15 june 93 lt. col. 71 inf. 4 oct. 01 a. d. c. to gov. 2 jan. 05 to 31 dec. 06 appointed member of militia council 28 july 11 term expired 27 july 13 r. l. 27 june 16 act. lt. col. 71 inf. 16 mar. 17 ret. to r. l. 24 mar. 17 bvt. col. 24 mar. 17 to 71 inf. d. b. 30 mar. 17 col. 71 inf. 5 oct. 17 accepted 12 oct. 17 | Eng. 3 aug. 64 |
| <i>Lieutenant Colonel</i> | | | | |
| Eben, James, 21 nov. 18 Graduate Garrison Schools, 1915. | | mustered into u. s. ser. 26 june 18 out 6 oct. 18 into 30 mar. 17 dis., p. d. 29 dec. 17 | pvt. corp., Co. B, 71 inf., trs. 171. 12 jan. 92 to 3 june 98 2 lt. 8 june 98 resigned to return to co. B, 71 inf. as corp. 12 jan. 99 2 lt. 17 may 00 1 lt. 30 aug. 00 bat. adj. 71 inf. with o. r. 28 dec. 06 cap. 71 inf. 15 apr. 09 accepted 20 apr. 09 maj. 30 apr. 17 accepted 1 may 17 dft. 5 aug. 17 r. l. 2 dec. 18 lt. col. 71 inf. 21 nov. 18 accepted 5 dec. 18 state arsenal 3 dec. 18 to 15 oct. 19 | N. Y. 9 apr. 71 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|---|--|----------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors</i> | | | | |
| Lyon, John Wesley, 11 oct. 17 | ..... | mustered into u. s. ser. 27 June 16 out 6 oct. 16 | pvt. co. B, 71 inf., tra. co. B, 171 inf. 11 feb. 95 to 3 June 98 2 lt. 171 inf. 3 June 98 supn. 3 Jan. 99 pvt., qm. sgt., co. B, 71 inf. 7 apr. 99 to 29 mar. 04 2 lt. 71 inf. 29 mar. 04 1 lt. 12 mar. 07 cap. 16 July 07 r. l. 7 mar. 17 maj. 71 inf. 11 oct. 17 accepted 15 oct. 17 | N. Y. 20 Jan. 68 |
| Wager, Burton Gale, 22 nov. 17 | ..... | corp., sgt., 1 sgt., co. E, 71 N. Y. inf., 2 May 98 to 15 nov. 98 | pvt., corp., sgt., 1 sgt. co. E, 71 inf. 22 apr. 97 to 19 apr. 04 1 lt. 71 inf. 19 apr. 04 r. l. 6 July 16 cap. 71 inf. 11 oct. 17 maj. 71 inf. 22 nov. 17 accepted 24 nov. 16 | N. Y. 2 sep. 68 |
| Kuehnle, Frederick C., 26 sep. 18 | m. g. co. | pvt., corp., co. D, 71 N. Y. inf. 2 May 98 to 15 nov. 98 mustered into u. s. ser. 26 June 16 out 6 oct. 16 into 30 mar. 17 resigned. 31 aug. 17 | pvt., corp., co. D, 71 inf. 1 June 97 to 27 sep. 01 2 lt. 27 sep. 01 1 lt. 71 inf. 11 feb. 07 supn., reassigned. 21 Jan. 08 2 lt. 71 inf. 7 feb. 08 1 lt. 16 May 17 dft. 5 oct. 17 r. l. 5 oct. 17 cap. 71 inf. 26 oct. 17 major. 26 sep. 18 accepted 5 oct. 18 1 prov. regt. 25 nov. 17 relieved. 12 Jan. 19 | Ger. 21 June 73 |
| <i>Captains</i> | | | | |
| Robertson, Ellis Adelbert, 31 mar. 17 | hqr. co. | sgt. co. E, 203 N. Y. inf. 11 July 98 to 25 mar. 99 mustered into u. s. ser. 27 June 16 out 6 oct. 16 into 30 mar. 17 cap. 54 pion. inf., hon. dis. 15 July 19 | pvt. 39 sep. co. 12 Jan. 97 to 15 apr. 99 pvt., sgt. 39 sep. co. 23 sep. 98 pvt., corp., sgt. co. G, 71 inf. 24 oct. 99 to 15 Jan. 02 2 lt. 71 inf. 2 aug. 09 1 lt. 4 apr. 16 cap. 31 mar. 17 accepted 7 apr. 17 dft. 5 aug. 17 cap. 71 inf. 7 aug. 19 cap. 71 inf. N. Y. N. G. 19 dec. 19 accepted 19 dec. 19 | N. Y. 4 feb. 79 |
| Orsenigo, Eugene Joseph, 11 oct. 17 | E | mustered into u. s. ser. 10 July 16 dis. 18 aug. 16 | pvt. co. G, 71 inf., tra. co. H, corp., sgt. 8 May 06 to 25 May 14 2 lt. 71 inf. 25 May 14 accepted. 26 May 14 r. l. 31 May 17 to 71 inf. 16 June 17 cap. 71 inf. 11 oct. 17 accepted. 12 oct. 17 cap. 71 inf. N. Y. N. G. 30 June 19 accepted. 25 July 19 | So. Am. 16 May 87 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Continued | | | | |
| Groff, Frank Fisher, 11 oct. 17 | sup. off. | mustered into u. s. ser. 26 june 16 out 6 oct. 16 | pvt. co. M, 71 inf. 30 dec. 07 to 9 june 08 2 lt. 71 inf. 9 june 08 resigned. 21 feb. 17 r. l. 30 mar. 17 to 71 inf. 30 mar. 17 cap. 71 inf. 11 oct. 17 accepted. 12 oct. 17 cap. 71 inf. N. Y. N. G. 30 june 19 accepted. 25 july 19 | N. J. 12 nov. 83 |
| Morris, George David, 11 oct. 17 | F | ..... | cap. 71 inf. 11 oct. 17 accepted. 16 oct. 17 | N. Y. 8 aug. 76 |
| Perley, Henry Clay, 26 oct. 17 | adj. | mustered into u. s. ser. 26 june 16 hon. dis. 19 july 16 | pvt. 11 sep. co. 7 jan. 90 trs. co. G, 7 inf. 24 mar. 91 corp. 15 dec. 92 hon. dis. 7 jan. 97 pvt. co. G, 7 inf. 27 mar. 99 corp. 31 mar. 04 2 lt. 11 sep. co. 15 mar. 07 1 lt. 10 inf. 25 may 11 resigned. 11 july 14 pvt. co. M, 7 inf. 11 july 14 bat. agt. maj. 25 june 16 r. l. 13 july 16 cap. 71 inf. 26 oct. 17 accepted. 2 nov. 17 | N. Y. 29 may 69 |
| Hart, George C., 1 nov. 17 | L | agt. co. L, 3 N. Y. v. 17 may 98 out 30 nov. 98 cap. inf., d. b., 1 nov. 17 cap. 309 m. g. bat., 1 jan. 18 hon. dis. 26 nov. 19 | pvt. co. L, 3 inf. 12 sep. 93 corp. 13 oct. 96 agt. 18 feb. 99 bat. agt. maj. 26 sep. 02 full and hon. dis. 15 feb. 12 pvt. co. G, 71 inf. 12 mar. 12 bat. agt. maj. 30 july 12 2 lt. 71 inf. 22 dec. 13 accepted. 23 dec. 15 full and hon. dis. 19 may 16 cap. 71 inf. 4 dec. 19 cap. 71 inf., N. Y. N. G. 26 dec. 19 accepted. 26 dec. 19 | N. Y. 15 sep. 64 |
| Bleecker, Anthony J., 22 nov. 17 | I | cap. 71 N. Y. v., 10 may 98 must. out. 15 nov. 98 | 2 lt. 71 inf. 10 sep. 94 1 lt. 2 oct. 95 cap. 25 oct. 96 maj. 28 feb. 05 full and hon. dis. 10 apr. 07 cap. 71 inf. 22 nov. 17 accepted. 26 nov. 17 | N. Y. 15 sep. 64 |
| Russell, George W., Jr., 22 nov. 17 | H | ..... | cap. 71 inf. 22 nov. 17 accepted. 26 nov. 17 pvt. co. D, 71 inf. N. Y. N. G. 22 july 19 hon. dis. 3 dec. 19 cap. 71 inf. N. Y. N. G. 11 nov. 19 accepted. 4 dec. 19 | Africa 1 may 61 |
| Keener, Ashley M., 24 dec. 17 reserve list. 14 jan. 19 | C | ..... | 1 lt. 71 inf. 11 oct. 17 accepted. 16 oct. 17 1 prov. regt. 24 sep. 18 relieved. 12 jan. 19 | N. J. 15 may 82 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Hanford, Arthur Judson, 24 dec. 17 reserve list.... 2 apr. 19 | K | ..... | pvt. 1 sep. co. 14 sep. 99 corp. 14 July 03 to ranks. 1 dec. 05 dropped. 7 feb. 06 cap. 71 inf. 24 dec. 17 accepted. 26 dec. 17 | N. Y. 24 July 81 |
| Bates, John Grenville, 12 Jan. 18 | D | ..... | 1 lt. 71 inf. 20 nov. 17 cap. 12 Jan. 18 lt. col. 18 July 18 accepted. 22 July 18 hon. dis. 6 nov. 18 cap. 71 inf. 28 dec. 18 cap. 71 inf. N. Y. N. G. 30 June 19 accepted. 25 July 19 | N. Y. 20 Aug. 80 |
| eaether, Richard C., 4 June 18 | B | ..... | co. E, 7 regt. 3 feb. 05 full and hon. dis. 17 mar. 11 1 lt. 71 inf. 28 feb. 18 cap. 71 inf. 4 June 18 accepted. 4 June 18 pvt. co. B, 71 inf. 27 June 19 hon. dis. 6 Aug. 19 cap. 71 inf., N. Y. N. G. 7 aug. 19 accepted. 7 aug. 19 | N. Y. 12 June 82 |
| Byers, John M., 27 July 18 reserve list.... 2 dec. 19 | L | ..... | pvt. co. C, 23 inf. 20 mar. 93 corp. 18 mar. 95 full and hon. dis. 21 nov. 98 2 lt. 71 inf. 24 dec. 17 1 lt. 4 June 18 cap. 27 July 18 accepted. 30 July 18 | N. Y. 18 nov. 72 |
| Scovil, Charles B., 21 aug. 18 reserve list.... 17 dec. 19 | chap. | ..... | cap. 71 inf. 21 aug. 18 accepted. 24 aug. 18 | L. I. 10 nov. 86 |
| Boynton, Claude W., 14 oct. 18 | sup. co. | co. K, 71 N. Y. v., 10 may 98 out 15 nov. 98 | pvt. co. K, 7 inf. 3 July 95 corp. 6 mar. 00 full and hon. dis. 29 sep. 03 1 lt. 71 inf. 2 Jan. 18 cap. 14 oct. 18 accepted. 29 oct. 18 | Pa. 6 mar. 77 |
| Towle, Harold L., 25 oct. 18 | m. g. co. | ..... | 2 lt. 71 inf. 17 Jan. 18 1 lt. 2 Oct. 18 cap. 25 Oct. 18 accepted. 31 Oct. 18 pvt. m. g. co. 71 inf., N. Y. N. G. 27 June 19 hon. dis. 8 Aug. 19 cap. 71 inf., N. Y. N. G. 9 Aug. 19 accepted. 9 Aug. 19 | N. Y. 30 Aug. 90 |
| Hall, Henry M., 25 nov. 18 | I | ..... | 2 lt. 71 inf. 14 Jan. 18 1 lt. 19 June 18 cap. 25 Nov. 18 accepted. 29 Nov. 18 pvt. co. A, 71 inf., N. Y. N. G. 23 Oct. 19 hon. dis. 17 Dec. 19 cap. 71 inf., N. Y. N. G. 28 Nov. 19 accepted. 18 Dec. 19 | N. Y. 1 Apr. 77 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------------|---|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Kellogg, J. Prentice, 11 feb. 19 died 10 apr. 19 | C | cap. m. t. ops., 1 nov. 18 hon. dis. . . . 10 jan. 19 | 1 lt. 71 inf. 11 dec. 17 cap. 11 sep. 18 accepted 13 sep. 18 hon. dis. 20 nov. 18 cap. 71 inf. 11 feb. 19 accepted 11 mar. 19 | N. Y. 29 jan. 78 |
| Palmer, Embury A., 7 mar. 19 reserve list. . . . 23 oct. 19 | M | | 1 lt. 71 inf. 23 nov. 17 cap. 7 mar. 19 accepted 10 mar. 19 | N. J. 27 aug. 79 |
| Firth, William De La Mater, 12 July 19 | G | mustered into u. s. ser. 26 June 16 out 6 oct. 16 | pvt. co. G, 71 inf. . . . 30 sep. 99 hon. dis. 28 Jan. 08 pvt., corp., sgt., co. D, 71 inf. 25 June 12 to 15 May 15 2 lt. 15 May 15 resigned. 26 Feb. 17 r. l. 2 lt. 11 May 17 duty with depot bat. 71 inf. 16 June 17 resigned. 24 Aug. 17 1 lt. 71 inf. 24 Dec. 17 cap. 24 Jan. 18 accepted 25 Jan. 18 r. l. 18 Apr. 19 cap. 71 inf. 12 July 19 cap. 71 inf., N. Y. N. G. 11 Oct. 19 accepted 16 Oct. 19 | N. Y. 10 Aug. 78 |
| Dreher, Ernest Carl, 23 Aug. 19 Distinguished Graduate, N. Y. School of the Line, 1915. | C | mustered into u. s. ser. 27 June 16 out 6 Oct. 16 into 30 Mar. 17 1 lt. 105 inf., hon. dis. . . . 1 Apr. 19 | pvt., corp., sgt. h. c. 8 inf. 4 Dec. 03 hon. dis. 17 Dec. 09 seaman, gunner's mate, 2 class, pay- master's yeoman, 1 div. 1 bat. N. M. . . . 20 Dec. 09 hon. dis. 6 Jan. 13 2 lt. 71 inf. 21 Feb. 14 1 lt. 28 Dec. 14 accepted 7 Jan. 15 dft. 5 Aug. 17 cap. 71 inf. 23 Aug. 19 cap. 71 inf., N. Y. N. G. 20 Nov. 19 accepted 28 Nov. 19 | N. Y. 25 Oct. 88 |
| Lovell, Frederic Kuresyn, 22 Oct. 19 Honor Graduate, N. Y. School of the Line, 1915. | M | mustered into u. s. ser. 27 June 16 out 6 Oct. 16 into 30 Mar. 17 1 lt. 105 inf., 10 Oct. 17 to gen. staff, 23 Aug. 18 hon. dis. . . . 23 Sep. 19 | pvt., corp., sgt., co. K, 71 inf. 28 Aug. 06 to 9 Aug. 13 2 lt. 9 Aug. 13 1 lt. 20 Sep. 15 accepted 21 Sep. 15 dft. 5 Aug. 17 r. l. 14 Oct. 19 cap. 71 inf. 22 Oct. 19 accepted 25 Oct. 19 | N. Y. 14 July 83 |
| First Lieutenants | | | | |
| Lawson, Robert S. O., 18 Oct. 17 | bat. adjt. | | pvt. f. m. 71 inf. . . . 31 May 04 f. and h. dis. 8 Dec. 14 re-enlisted. 8 Dec. 14 hon. dis. 10 Dec. 15 re-enlisted. 10 Dec. 15 drum major. 13 July 15 trs. to d. b. 16 June 16 1 lt. 71 inf. 18 Oct. 17 accepted 23 Oct. 17 | Scot. 7 Jan. 83 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------|--|---|------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| First Lieutenants—Cont'd | | | | |
| Rehm, George Nicholas, 9 nov. 17 hon. dis. 26 mar. 19 | D | ..... | 2 lt. 71 inf. 11 oct. 17 1 lt. 9 nov. 17 accepted. 13 nov. 17 1 prov. regt. 15 oct. 18 relieved. 12 jan. 19 | ..... |
| Gaillard, William E. G., 24 jan. 18 | bat. adj. | ..... | 2 lt. 71 inf. 24 dec. 17 1 lt. 24 jan. 18 accepted. 1 feb. 18 | Kan. 1 mar. 77 |
| Perrin, Howell C., 24 jan. 18 reserve list. 14 jan. 19 | G | ..... | 2 lt. 71 inf. 9 nov. 17 1 lt. 24 jan. 18 accepted. 25 jan. 18 | N. Y. 26 nov. 74 |
| Eagle, Henry, 7 mar. 18 reserve list. 2 apr. 19 | H | ..... | 2 lt. 71 inf. 12 jan. 18 1 lt. 7 mar. 18 accepted. 9 mar. 18 | N. Y. 17 july 90 |
| Eben, Lambert L., 27 july 18 | ..... | mustered into u. s. ser. 2 may 98 out 15 nov. 98 co. B, 71 N. Y. v. | pvt. co. B, 71 inf. 23 feb. 98 2 lt. 71 inf. 24 jan. 18 1 lt. 27 july 18 accepted. 30 july 18 | N. Y. 29 july 79 |
| Godwin, Victor, 20 aug. 18 reserve list. 18 apr. 19 | asst. i. s. o. p. | ..... | pvt. co. G, 71 inf. 2 nov. 17 agt. 26 july 18 1 lt. 71 inf. 20 aug. 18 accepted. 27 aug. 18 | N. Y. 26 july 82 |
| Gandolfo, Joseph H., 28 aug. 18 reserve list. 8 nov. 19 | C | ..... | pvt. co. C, 71 inf. 11 sep. 17 1 agt. 18 jan. 18 2 lt. 71 inf. 18 jan. 18 1 lt. 28 aug. 18 accepted. 30 aug. 18 | N. Y. 14 june 76 |
| Barrell, Joseph E., 17 sep. 18 | I | mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 18 july 17 1 lt. 105 inf. 17 sep. 18 hon. dis. ... 1 apr. 19 | pvt. co. F, 71 inf. 13 nov. 14 agt. 26 feb. 15 1 agt. 29 nov. 15 2 lt. 71 inf. 4 apr. 17 accepted. 6 apr. 17 dft. 5 aug. 17 1 lt. 71 inf. 7 aug. 19 1 lt. 71 inf., N. Y. N. G. 28 nov. 19 accepted. 15 jan. 20 | Pa. 22 dec. 89 |
| Clark, Lawrence P., 17 sep. 18 | I | mustered into u. s. ser. 27 june 16 out 6 oct. 16 into 11 june 11 | pvt. co. I, 71 inf. 28 apr. 14 corp. 22 july 16 agt. 2 aug. 16 2 lt. 21 dec. 16 2 lt. 6 june 17 accepted. 7 june 17 dft. 5 aug. 17 1 lt. 71 inf. 8 oct. 19 accepted. 10 oct. 19 | N. Y. 14 apr. 95 |
| Hinman, Bert A., 3 dec. 18 reserve list. 18 apr. 19 | B | pvt. co. H., Ind. batt., 7 june 97 hon. dis. ... 6 june 98 pvt. co. L, Mich. vol., 26 apr. 98 hon. dis. ... 9 nov. 98 pvt. co. K, 1 inf. Mich. N. G., 22 oct. 99 hon. dis. ... 21 apr. 00 | pvt. co. B, 69 inf. 4 jan. 06 agt. 19 feb. 06 1 agt. 1 nov. 07 regt. qm. agt. 13 dec. 09 hon. dis. 4 jan. 11 pvt. tr. B. 4 jan. 11 corp. 6 may 12 agt. 18 july 12 dis. 5 dec. 12 pvt. co. G. 16 nov. 17 1 agt. 14 dec. 17 2 lt. 71 inf. 24 jan. 18 1 lt. 71 inf. 3 dec. 18 accepted. 6 dec. 18 | N. Y. 17 may 76 |

SEVENTY-FIRST INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Cont'd</i> | | | | |
| Firmes, George A., 3 dec. 18 | A | mustered into u. s. ser. 26 june 18 out 6 oct. 16 | pvt. co. D, 71 regt. 27 june 06 corp. 22 mar. 10 full and hon. dis. 29 dec. 14 re-enlisted. 26 jan. 15 sgt. 8 june 15 full and hon. dis. 30 june 17 pvt. m. g. co. 71 inf. 2 nov. 17 2 lt. 71 inf. 15 july 18 1 lt. 3 dec. 18 accepted. 20 dec. 18 | N. Y. 27 june 86 |
| Prum, John A. H., 4 dec. 18 | F | | pvt. co. E, 71 inf. 19 sep. 17 sgt. 4 jan. 18 1 sgt. co. H. 17 may 18 2 lt. 28 aug. 18 1 lt. 71 inf. 4 dec. 18 1 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted. 22 nov. 19 | N. Y. 11 dec. 81 |
| Eben, Leon A., 18 dec. 18 | E | mustered into u. s. ser. 19 june 16 out 10 oct. 16 into 30 mar. 17 2 lt. 105 inf., 1 june 17 hon. dis. 15 may 18 e. o. t. s. 22 aug. 18 to 27 nov. 18 | pvt. co. B, 71 inf. 14 may 07 corp. 10 dec. 09 full and hon. dis. 25 june 12 re-enlisted, co. E. 20 feb. 14 corp. 1 may 14 sgt. 31 jan. 16 1 sgt. 20 mar. 17 2 lt. 71 inf. 22 may 17 dft. 5 aug. 17 1 lt. 71 inf. 18 dec. 18 1 lt. 71 inf., N. Y. N. G. 30 june 19 accepted. 25 july 19 | N. Y. 31 july 86 |
| Buckner, William P., 18 dec. 18 f. and h. dis. 16 apr. 19 | | | pvt. co. H, 7 inf. 13 nov. 01 full and hon. dis. 1 oct. 07 re-enl. co. H, 7 inf. 21 mar. 10 full and hon. dis. 15 june 16 pvt. co. H, 7 inf. 13 nov. 17 sgt. co. H. 2 lt. 71 inf. 10 apr. 18 1 lt. 18 dec. 18 accepted. 20 dec. 18 | Mo. 10 july 78 |
| Disbrow, Samuel C., 21 dec. 18 reserve list. 30 sep. 19 | I | | pvt. co. K, 7 inf. 25 mar. 13 2 lt. 7 inf. 27 mar. 18 hon. dis. 12 nov. 18 1 lt. 71 inf. 21 dec. 18 accepted. 14 jan. 19 | N. Y. 12 dec. 88 |
| Stickles, Lester D., 23 dec. 18 | D | | pvt. co. B, 71 inf. 22 may 17 1 sgt. 2 lt. 71 inf. 18 oct. 17 1 lt. 11 june 18 accepted. 13 june 18 hon. dis. 12 nov. 18 r. l. 19 dec. 18 det. to 71 inf. 23 dec. 18 1 lt. 71 inf. 19 mar. 19 1 lt. 71 inf., N. Y. N. G. 30 june 19 accepted. 25 july 19 | N. Y. 28 nov. 95 |
| Holzderber, Charles P., 28 dec. 18 reserve list. 17 sep. 19 | m. g. co. | | 1 lt. 71 inf. 28 dec. 18 accepted. 4 jan. 19 | N. Y. 12 apr. 96 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-----------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Concluded</i> | | | | |
| Hahlo, Jack G., 3 feb. 19 | m. g. co. | ..... | pvt. co. G, 71 inf. 26 feb. 18 sgt. 15 mar. 18 2 lt. qm. cps. 7 aug. 18 2 lt. 71 inf. 26 sep. 18 1 lt. 3 feb. 19 1 lt. 71 inf., N. Y. N. G. 7 aug. 18 accepted. 7 aug. 19 | N. Y. 5 feb. 85 |
| Meinke, John H., 24 may 19 reserve list. 30 june 19 | H | ..... | 2 lt. 71 inf. 14 mar. 18 1 lt. 24 may 19 accepted. 24 may 19 | N. Y. 22 sep. 88 |
| Braden, John N., 12 july 19 reserve list. 1 oct. 19 | m. g. co. | pvt. m. c. 13 sep. 18 hon. dis. 4 jan. 19 | 2 lt. 71 inf. 20 oct. 17 1 lt. 7 feb. 18 hon. dis. 4 oct. 18 2 lt. 71 inf. 4 mar. 19 1 lt. 12 july 19 accepted. 15 july 19 1 prov. regt. 25 nov. 17 relieved. 14 sep. 18 | N. Y. 31 oct. 92 |
| Lilienthal, John Christopher, 12 july 19 | B | ..... | pvt. co. H, 71 inf. 17 apr. 06 full and hon. dis. 13 nov. 13 2 lt. 71 inf. 15 nov. 17 1 lt. 12 july 19 pvt. co. B, 71 inf. 27 june 19 hon. dis. 18 aug. 19 1 lt. 71 inf., N. Y. N. G. 7 aug. 19 accepted. 19 aug. 19 | S. C. 18 mar. 84 |
| Bleecker, Anthony L., 23 aug. 19 | H | Mass. vol. mil., 2 inf., nov. 11, 1915, to may 10, 1916. mustered into u. s. ser. 26 june 16 out 6 oct. 16 2 lt. c. a. c., 2 aug. 17 1 lt. 9 aug. 17 cap. 15 jan. 18 hon. dis. 11 aug. 19 | pvt. co. K, 7 inf. 31 may 12 dropped. 15 oct. 15 taken up. 26 june 16 hon. dis. 15 jan. 17 1 lt. 71 inf. 23 aug. 19 1 lt. 71 inf., N. Y. N. G. 19 nov. 19 accepted. 19 nov. 19 | N. Y. 5 nov. 93 |
| O'Connor, Kevney, 24 sep. 19 | C | mustered into u. s. ser. 27 june 16 out 6 oct. 16 into 30 mar. 17 hon. dis. 1 apr. 19 | pvt. co. D, 71 inf. 3 mar. 10 corp. 14 nov. 13 2 lt. 71 inf. 5 may 17 accepted. 9 may 17 dft. 5 aug. 17 1 lt. 71 inf. 24 sep. 19 1 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted. 3 dec. 19 | N. Y. 13 nov. 90 |
| Geis, Robert J., 26 sep. 19 | G | mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 mar. 17 hon. dis. from 105 inf. 1 apr. 19 | pvt. co. F, 71 inf. 19 jan. 09 dis. 17 nov. 11 pvt. co. I, 71 inf. 18 nov. 14 corp. 24 mar. 16 sgt. 4 july 16 dft. 5 aug. 17 1 lt. 71 inf. 26 sep. 19 1 lt. 71 inf. N. Y. N. G. 11 oct. 19 accepted. 15 oct. 19 | N. Y. 16 mar. 90 |

SEVENTY-FIRST INFANTRY, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Second Lieutenants | | | | |
| Canterbury, Arthur F., 11 aug. 17 | | | pvt. co. A, 71 regt. 8 nov. 80 corp. 23 may 93 trans. hosp. cps. 20 dec. 93 corp. 23 feb. 97 sgt. 12 apr. 98 trans. 171 regt. 4 may 98 sgt. 21 june 98 hosp. cps. 71 regt. 6 oct. 98 hon. dis. 2 oct. 00 pvt. 71 regt. 24 mar. 03 sgt. 14 apr. 03 qm. sgt. 19 feb. 04 qm. sgt. 23 mar. 06 1 lt. 71 regt. 12 mar. 07 supn. and reassigned. 21 jan. 08 2 lt. 71 inf. 7 feb. 08 full and hon. dis. 16 apr. 14 r. l. 4 may 17 2 lt. 71 inf. 1 feb. 18 accepted 8 feb. 18 | N. Y. 19 oct. 71 |
| Brokaw, George Tuttle, 11 dec. 17 reserve list. . . . 3 mar. 19 | E | v. c. a. 4 june 17 | pvt. 9 c. a. c. 8 oct. 17 sgt. 11 dec. 17 2 lt. 71 inf. 11 dec. 17 accepted 14 dec. 17 | N. Y. 14 nov. 79 |
| Duffy, Charles G., 7 aug. 18 reserve list. . . . 25 aug. 19 | | | pvt. 3 batty., N. G. 5 oct. 03 dropped. 25 mar. 07 pvt. co. E, 71 inf. 24 oct. 17 corp. sgt. 2 lt. 71 inf. 7 aug. 18 accepted 17 aug. 18 | Ireland 82 |
| Hoffman, Arthur J., 25 sep. 18 | G | mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 mar. 17 2 lt. 313 sup. tr., 25 sep. 18 hon. dis. 3 july 19 | pvt. co. D, 71 inf. 14 apr. 16 dft. 5 aug. 17 2 lt. 71 inf. 17 sep. 17 2 lt. 71 inf., N. Y. N. G. 11 oct. 19 accepted 16 oct. 19 | Penn. |
| Le Dour, James, 26 sep. 18 hon. dis. 19 feb. 19 | m. g. co. | 27 u. s. v. 22 june 99 corp. 2 nov. 99 f. and h. dis., 4 feb. 01 Mex. border service, must. in. 27 june 16 out 16 oct. 16 into 29 mar. 17 | pvt. co. L, 71 inf. 22 june 16 dis. 16 july 17 pvt. co. L. 26 dec. 17 corp. 16 july 18 mess sgt. 1 aug. 18 2 lt. 71 inf. 26 sep. 18 accepted 1 oct. 18 | N. Y. 27 feb. 76 |
| Cook, Le Roy, 18 dec. 18 | L | | pvt. co. L, 71 inf. 2 nov. 17 corp. 15 feb. 18 sgt. 9 apr. 18 1 sgt. 23 july 18 2 lt. 71 inf. 18 dec. 18 2 lt. 71 inf., N. Y. N. G. 26 dec. 19 accepted 26 dec. 19 | Minn. 24 feb. 84 |
| Hollingsworth, William A., 18 dec. 18 hon. dis. 2 apr. 19 | F | | pvt. co. F, 71 inf. 2 apr. 18 sgt. 19 june 18 1 sgt. 30 july 18 2 lt. 71 inf. 18 dec. 18 accepted 20 dec. 18 | Mo. 2 nov. 87 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|--|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- tinued</i> | | | | |
| Rockey, Howard P., 21 dec. 18 reserve list. 26 nov. 19 | F | ..... | 2 lt. 71 inf. 21 dec. 18 accepted. 21 dec. 18 | Pa. 3 june 86 |
| Renterahan, Alfred D., 28 dec. 18 | D | ..... | pvt. co. E, 71 inf. 19 sep. 17 sgt. 4 jan. 18 2 lt. 71 inf. 14 june 18 accepted. 17 june 18 hon. dis. 11 oct. 18 2 lt. 71 inf. 28 dec. 18 pvt. co. D, 71 inf., N. Y. N. G. 27 june 19 hon. dis. 18 aug. 19 2 lt. 71 inf., N. Y. N. G. 7 aug. 19 accepted. 19 aug. 19 | N. Y. 6 may 97 |
| Carter, Raymond, 28 dec. 18 hon. dis. 19 mar. 19 | B | ..... | pvt. co. B, 71 inf. 30 apr. 18 2 lt. 71 inf. 28 dec. 18 accepted. 3 jan. 19 | Ill. 2 apr. 80 |
| Martens, Charles C., 19 june 19 | E | mustered into u. s. ser. 27 june 18 out 2 oct. 16 | pvt. co. H, 71 inf. 28 nov. 11 corp. 28 jan. 13 hon. dis. 15 mar. 15 re-enl. and warrant con. sgt. hon. dis. 13 dec. 16 pvt. co. E, 71 inf. 15 apr. 19 2 lt. 71 inf. 19 june 19 2 lt. 71 inf., N. Y. N. G. 30 june 19 accepted. 25 july 19 | N. Y. 10 jan. 91 |
| Lounsbury, George I., 7 aug. 19 | K | mustered into u. s. ser. 26 june 18 out 6 oct. 16 into 30 mar. 17 1 sgt. co. B, 54 pio- neer inf. 5 jan. 18 hon. dis. 1 july 19 | pvt. co. K, 71 inf. 1 dec. 09 corp. 12 apr. 12 full and hon. dis. 3 mar. 15 re-enl. and warrant con. sgt. 1 dec. 15 dft. 5 aug. 17 2 lt. 71 inf. 7 aug. 19 2 lt. 71 inf., N. Y. N. G. 28 nov. 19 accepted. 28 nov. 19 | N. Y. 21 sep. 91 |
| Rundlett, Nelson S., 17 oct. 19 | m. g. co. | pvt. 1 cl. air service, 27 feb. 18 2 lt. air service, 25 july 18 hon. dis. 11 jan. 19 | pvt. co. M, 7 inf. 4 mar. 15 dpd. 25 june 16 2 lt. 71 inf., N. Y. N. G. 17 oct. 19 accepted. 18 oct. 19 | Me. 22 mar. 90 |
| Beam, Howard C., 17 oct. 19 | m. g. co. | ..... | pvt., corp., sgt., m. g. co. 71 inf. 14 june 18 to 5 june 19 1 sgt. 6 june 19 pvt. m. g. co. 71 inf., N. Y. N. G. 27 june 19 warrant continued. hon. dis. 19 oct. 19 2 lt. 71 inf., N. Y. N. G. 17 oct. 19 accepted. 20 oct. 19 | N. J. 14 feb. 92 |
| Greene, John D., 22 oct. 19 | H | 2 lt. 340 inf., 15 aug. 17 1 lt. 3 dec. 17 hon. dis. 25 july 19 | 2 lt. 71 inf. 22 oct. 19 2 lt. 71 inf., N. Y. N. G. 11 nov. 19 accepted. 9 dec. 19 | Conn. 17 apr. 95 |

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Concluded)

| Name, grade, date of rank and highest brevet rank | Com-pany | Service | | Born |
|---|----------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con-cluded</i> | | | | |
| Gross, Charles, 20 nov. 19 | F | ..... | pvt. co. F, 71 inf. 2 oct. 17 1 agt. 24 dec. 18 hon. dis. 18 sep. 19 pvt. co. G, 71 inf., N. Y. G. 19 sep. 19 2 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted. 25 nov. 19 | N. Y. 22 oct. 97 |
| Grendle, Frank A., 9 dec. 19 | A | ..... | pvt. co. A, 71 inf. 14 sep. 18 1 agt. 17 june 19 2 lt. 71 inf., N. Y. N. G. 9 dec. 19 accepted. 12 dec. 19 | Mass. 24 july 92 |
| Knowles, Lewis N., 10 dec. 19 | K | civ sec. 27 dec. 17 corp. 23 apr. 18 hon. dis. 28 nov. 19 | pvt. 6 co. 8 c. d. e. 28 feb. 19 agt. 2 june 19 1 lt. 71 inf. 10 dec. 19 N. G. 16 dec. 19 accepted. 16 dec. 19 | Del. 9 dec. 98 |

SEVENTY-FOURTH INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, 184 Connecticut Street, Buffalo

Reorganized November 22, 1917, G. O. 58, A. G. O., to include all infantry units mustered into the New York Guard from the counties of Niagara, Erie, Chautauqua, Cattaraugus, Wyoming, Genesee and Olean. By same order Companies F and I, 3d Infantry, were transferred to this regiment. Company E, 3d Infantry, was attached by S. O. 271, A. G. O., October 24, 1917, and designated Company L.

Mustered into the New York Guard on dates as follows: Companies A, B, C and D, November 14, 1917; Company E, Jamestown, October 16, 1917; Company F, Medina, November 30, 1917; Company G, Niagara Falls, November 7, 1917; Company H, Niagara Falls, October 29, 1917; Company I, Olean, November 12, 1917; Company K, Tonawanda, November 26, 1917; Company L, Niagara Falls, November 7, 1917; Company M, East Aurora, November 26, 1917; Company N, Albion, December 28, 1917; Company S, Salamanca, October 16, 1917; Companies T, U, V and X, March 11, 1918; Company W, Warsaw, March 19, 1918; May 24, 1918 (G. O. 26, A. G. O.); Companies E, I, M, S and W, were detached and attached to the 65th Infantry, N. Y. G.

August 1, 1919 (G. O. 21, A. G. O.), the following changes were made: Company F, Medina, was transferred to the 3rd Infantry, N. Y. G.; Company E, to be Company F, Buffalo; Company G, to be Company I, Niagara Falls; Company H, to be Company M, Niagara Falls; Company I, to be Company G, Buffalo; Company M, to be Company H, Buffalo; Company E, 65th Infantry, to be Company E, Jamestown; Company I, 65th Infantry, to be Company N, Olean; Company M, 65th Infantry, to be Company O, East Aurora. Authorized to organize a Machine Gun Company, Buffalo.

Mustered out

Company N, Albion, November 6, 1919; Company T, Buffalo, October 15, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; Buffalo, November and December, 1863; World War, 1917.

On the State Color.—Draft riots, 1863; negro riot, 1864; Fenian invasion of Canada, 1866; Hornellsville, 1877; Buffalo, 1892.

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|---------|---|---|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Colonel</i> | | | | |
| Sidway, Frank S., 11 aug. 19 | | cap. co. C, 272 N. Y. vols..... 5 july 98 to 15 apr. 99 | 2 lt. co. B, 74 inf..... 1 mar. 94 1 lt. co. B, 74 inf..... 6 mar. 95 cap..... 23 nov. 99 resigned..... 1 oct. 02 maj. d. b., 74 inf..... 10 july 11 hon. dis..... 13 dec. 16 lt. col. 74 inf..... 6 dec. 17 col..... 11 aug. 19 accepted..... 12 aug. 19 | N. Y. 5 dec. 89 |
| <i>Lieutenant Colonel</i> | | | | |
| Horton, James Royal, 23 aug. 19 | | | pvt. co. G, 74 inf..... 27 mar. 06 corp..... 16 mar. 01 sgt..... 17 jan. 02 2 lt. 74 inf..... 22 dec. 04 1 lt..... 18 aug. 06 resigned..... 7 feb. 11 cap. 74 inf..... 8 oct. 12 resigned..... 21 oct. 14 cap. 74 inf..... 19 oct. 17 major..... 6 dec. 17 lieut. col..... 23 aug. 19 accepted..... 30 aug. 19 | N. Y. 16 jan. 84 |
| <i>Majors</i> | | | | |
| MacBean, Hector W., 20 dec. 17 | | cap. 3 N. Y. V., 17 may 98 to 6 dec. 98 | pvt. 42 sep. co..... 30 apr. 88 corp..... 25 feb. 92 sgt..... 5 jan. 95 1 lt..... 3 feb. 97 f. and h. dis..... 29 june 99 cap. d. b., 3 inf..... 3 aug. 16 cap. 74 inf..... 31 oct. 17 maj. 74 inf..... 20 nov. 17 accepted..... 24 dec. 17 | N. Y. 1 may 64 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|--------------|---|---|---------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Majors—Concluded</i> | | | | |
| Kendall, Charles Adams, 11 june 18 reserve list..... 17 nov. 19 | | mustered into u. s. ser..... 2 july 16 out 28 feb. 17 into 31 mar. 17 dis phys. dis., 25 sep. 17 | pvt., corp., co. H, 74 inf., regt. agt. maj. 74 inf. 11 sep. 99 to 15 mar. 04 1 lt. bat. adj. 74 inf. 15 mar. 04 cap. 24 may 12 dft. 5 aug. 17 1 lt. 74 inf. 19 oct. 17 cap. 6 dec. 17 major..... 11 june 18 accepted..... 14 june 18 | Can. 30 dec. 71 |
| Bagnall, Henry Dickson, 14 nov. 18 Graduate, Garrison Schools, 1915. | | mustered into u. s. ser..... 1 july 16 out 28 feb. 17 into 31 mar. 17 cap. 108 inf. 20 oct. 17 maj. 14 nov. 18 maj. 16 inf. 4 feb. 19 hon. dis. . . 6 oct. 19 | 2 lt. 74 inf. 1 apr. 10 1 lt. 11 jan. 13 cap. 23 nov. 14 accepted. 24 nov. 14 dft. 5 aug. 17 r. l. 13 oct. 19 maj. 74 inf. 29 nov. 19 accepted. 4 dec. 19 | N. Y. 8 feb. 85 |
| McElroy, Wilman Wescott, 26 sep. 19 | | | pvt. co. F, 74 inf. 19 jan. 04 corp. 25 july 04 sgt. 11 nov. 05 2 lt. 74 inf. 13 oct. 08 with rank from. 29 sep. 08 1 lt. 6 jan. 09 with rank from. 30 dec. 08 resigned. 20 oct. 14 r. l. 20 june 17 cap. 74 inf. 19 oct. 17 major..... 26 sep. 19 accepted..... 27 sep. 19 | Wis. 25 dec. 80 |
| <i>Captains</i> | | | | |
| Wallace, Frank Albert, 5 aug. 16 | K | pvt. co. G, 3 N. Y. Vols. 17 may 98 mustered out, 7 dec. 98 | pvt. co. G, 1 bat. 28 jan. 98 corp. 22 feb. 01 sgt. 4 feb. 02 1 sgt. 16 apr. 03 full and hon. dis. 5 nov. 10 cap. d. b. 5 aug. 16 cap. 74 inf. 31 oct. 17 accepted. 5 nov. 17 | N. Y. 19 sep. 79 |
| Jokl, Alexander, 15 aug. 17 | C | 1 lt. inf. 11 may 17 cap. 15 aug. 17 hon. dis. 19 28 and 39 divs. | pvt. co. H, 74 inf. 2 dec. 01 to co. I. 15 jan. 06 sgt. 8 apr. 07 to ranks. 17 feb. 08 pvt. co. H, 74 inf. 8 sep. 14 corp. 30 nov. 15 dis. (o. t. c.) 3 may 17 cap. 74 inf. 19 sep. 19 accepted. 20 sep. 19 | Austria. 06 dec. 82 |
| Lowery, William B., 15 aug. 17 | m. g. co. | seaman, navy. 29 sep. 08 hon. dis. as comswain, 28 sep. 12 mustered into u. s. ser..... 1 july 16 out 24 feb. 17 into 31 mar. 17 cap. 310 inf. 15 aug. 17 to 308 m. g. btn., 28 sep. 17 major..... 31 oct. 18 hon. dis. . . 15 may 19 | pvt. co. F, 3 inf. 18 aug. 08 dpd. 14 dec. 08 taken up. 19 nov. 12 corp. 31 aug. 14 sgt. 1 mar. 15 f. and h. dis. 9 nov. 15 pvt. co. H, 74 inf. 16 nov. 15 corp. 8 july 16 sgt. 1 feb. 17 1 sgt. 11 may 17 dft. 5 aug. 17 cap. 74 inf. 26 dec. 19 accepted. 27 dec. 19 | N. Y. 23 aug. 90 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|--------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains—Continued | | | | |
| Sawyer, Analew Wilcott, 19 oct. 17 f. and h. dis. 11 aug. 19 | C | ..... | pvt. tr. I, 1 cav. 7 may 12 sgt. 27 dec. 12 f. and h. dis. 12 july 15 cap. 74 inf. 19 oct. 17 accepted. 22 oct. 17 | N. Y. 31 july 85 |
| Roberts, James Craig, 7 nov. 17 f. and h. dis. 6 may 19 | D | ..... | pvt., corp., sgt., co. G, 74 inf. 30 aug. 05 to 5 may 10 2 lt. 74 inf. 5 may 10 1 lt. 5 apr. 11 cap. 24 dec. 12 resigned. 10 sep. 15 cap. 74 inf. 7 nov. 17 accepted. 8 nov. 17 | N. Y. 17 may 76 |
| Chormann, Henry, 16 nov. 17 | H | ..... | pvt. 42 sep. co. 25 mar. 90 corp. 2 jan. 94 sgt. 16 mar. 97 1 lt. 142 sep. co. 19 july 98 supn. 17 dec. 98 assigned to duty with 1 bat. 4 oct. 99 resigned. 7 aug. 06 r. l. 3 aug. 16 duty with depot bat., 3 inf. 3 aug. 16 cap. 74 inf. 16 nov. 17 accepted. 21 nov. 17 | N. Y. 17 may 76 |
| Keller, Charles Philip, 16 nov. 17 | I | mustered into u. s. a. ser. 5 july 16 out 5 oct. 16 | pvt. 42 sep. co. 14 june 04 corp. 9 apr. 10 sgt. 20 may 12 1 sgt. 8 aug. 13 f. and h. dis. 8 jan. 15 pvt. co. E, 3 inf. 22 feb. 15 bat. sgt. maj. 30 apr. 15 1 lt. 3 inf. 1 june 16 resigned. 6 feb. 17 cap. 74 inf. 16 nov. 17 accepted. 22 nov. 17 N. G. R. 1 lt. 13 mar. 19 | N. Y. 11 nov. 85 |
| Becker, Joseph William, 11 dec. 17 | sup. off. | ..... | pvt. 74 inf. 1 oct. 06 corp. 22 june 08 sgt. 2 feb. 09 post qm. sgt. 13 dec. 09 dis. 14 apr. 14 1 lt. 74 inf. 19 oct. 17 cap. 11 dec. 17 accepted. 17 dec. 17 | N. Y. 11 apr. 84 |
| Mead, Harry W., 11 dec. 17 | O | ..... | cap. 74 inf. 11 dec. 17 accepted. 17 dec. 17 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19 | N. Y. 8 oct. 76 |
| Raub, Herschel David, 2 jan. 18 reserve list. 5 dec. 19 | N | ..... | pvt. 43 sep. co. 13 july 08 2 lt. 3 inf. 21 mar. 11 resigned. 9 mar. 14 1 lt. 74 inf. 3 aug. 16 cap. 2 jan. 18 accepted. 5 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19 | N. Y. 28 aug. 70 |
| Keller, Neil Henry, 2 jan. 18 hon. dis. 1 mar. 19 | A | ..... | 1 lt. 74 inf. 24 oct. 17 cap. 2 jan. 18 accepted. 5 jan. 18 | N. Y. 19 nov. 00 |

SEVENTY-FOURTH INFANTRY—NEW YORK GUARD—(Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|----------------|--|---|--------------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Captains—Continued</i> | | | | |
| Johnson, Frank Abirt, 8 jan. 18 f. and h. dis. 29 aug. 19 | E | 1 lt. 65 N. Y. inf., 1 may 98 cap. 16 july 98 to 19 nov. 98 cap., asst. qm., U. S. vols. | pvt. 4 (now 13) sep. co. 31 aug. 80 corp. 30 oct. 82 agt. 19 dec. 82 dis., re-enlisted. 14 feb. 86 1 agt. 15 june 86 dis., re-enlisted. 26 sep. 87 dis., re-enlisted. 16 oct. 88 dis., re-enlisted. 25 may 90 2 lt. 18 feb. 92 1 lt. 5 jan. 04 brevet cap. 9 june 03 retired. 24 feb. 14 duty with 74 inf. 15 sep. 17 1 lt. 74 inf. with o. r. 19 oct. 17 cap. 8 jan. 18 accepted. 11 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19 | N. Y. 5 nov. 58 |
| Elbe, Max Henry, 17 jan. 18 | L | agt. co. E, 3 N. Y. Vols. 17 may 98 to 30 nov. 98 | pvt. 42 sep. co. 10 sep. 92 corp. 16 mar. 97 agt. 23 feb. 99 1 agt. 18 feb. 01 1 lt. 1 bat. 19 mar. 02 assigned 3 inf. 30 mar. 07 1 lt. 3 inf. with o. r. 9 aug. 07 resigned. 3 mar. 13 1 lt. 74 inf. 4 dec. 17 cap. 17 jan. 18 accepted. 18 jan. 18 | N. Y. 17 sep. 71 |
| Bannister, Frank Wells, 25 apr. 18 | H | mustered into u. s. ser. 2 july 16 furloughed to reserve, 3 jan. 17 recalled. 15 july 17 dis. 17 aug. 17 | pvt. co. D, 74 inf. 13 july 13 corp. 30 nov. 15 agt. 1 july 16 dis. 17 aug. 17 1 lt. 74 inf. 10 nov. 17 cap. 25 apr. 18 accepted. 29 apr. 18 | D. C. 10 feb. 91 |
| Williams, George F., 10 may 18 | chap. | ..... | cap. 74 inf. 10 may 18 accepted. 13 may 18 | Eng. |
| Gaupp, Robert C., 19 july 18 | i. a. a. p. | ..... | pvt. co. F, 74 inf. 21 oct. 02 corp. 4 feb. 07 full and hon. dis. 1 june 08 cap. 19 july 18 accepted. 23 july 18 | Aus- tralia 5 oct. 81 |
| Laux, Herbert B., 6 oct. 18 | D | 1 lt. inf. 26 nov. 17 cap. 26 oct. 18 hon. dis. 28 mar. 19 | pvt. co. F, 74 inf. 17 feb. 14 dropped. 14 oct. 15 r. l. 28 may 19 cap. 74 inf. 19 sep. 19 accepted. 20 sep. 19 | N. Y. 14 dec. 90 |
| Donnacker, Charles J., 26 oct. 18 | B | mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 31 mar. 17 hon. dis. — 19 | pvt. co. E, 74 inf. 15 may 11 corp. 8 dec. 13 agt. 30 dec. 14 full and hon. dis. 7 june 15 2 lt. 74 inf. 22 mar. 16 1 lt. 25 nov. 16 accepted. 29 nov. 16 dft. 5 aug. 17 cap. 74 inf. 29 nov. 19 accepted. 4 dec. 19 | N. Y. 5 june 93 |
| Doebler, Herman Ulrich, 9 nov. 18 reserve list. 29 aug. 19 | T | ..... | pvt. co. K, 74 inf. 22 jan. 13 corp. 25 may 14 agt. 18 dec. 14 full and hon. dis. 25 jan. 16 1 lt. 74 inf. 31 oct. 17 cap. 9 nov. 18 accepted. 20 nov. 18 | N. Y. 18 feb. 91 |

SEVENTY-FOURTH INFANTRY, NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|---------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Captains — Concluded | | | | |
| Wilson, Edmond G., 18 jan. 19 | G | ..... | pvt. tr. I, 1 cav. 15 mar. 13 dropped. 12 june 15 taken up. 8 nov. 15 full and hon. dis. 3 mar. 16 2 lt. 74 inf. 10 may 18 1 lt. 21 nov. 18 cap. 18 jan. 19 accepted. 20 jan. 19 | N. Y. 10 July 91 |
| Burrows, Lynn M., 24 jan. 19 reserve list. 29 aug. 19 | N | ..... | co. N, 74 inf. 28 dec. 17 dis. 24 jan. 18 1 lt. 74 inf. 23 jan. 18 cap. 24 jan. 19 accepted. 25 jan. 19 | Mich. 17 June 84 |
| Oakleaf, James Francis, 20 feb. 19 | N | mustered into u. s. 2 lt. 3 inf. 16 nov. 14 ser. 5 July 16 1 lt. 26 June 17 out 5 oct. 16 accepted. 28 June 17 into 18 apr. 17 dft. 5 Aug. 17 1 lt. 108 inf.; cap. g. r. l. 18 dec. 19 hdc. 20 feb. 19 cap. 74 inf. 19 dec. 19 hon. dis. 21 mar. 19 accepted. 22 dec. 19 | N. Y. 82 | |
| Smith, Paul R., 24 May 19 hon. dis. 20 dec. 19 | F | ..... | tr. I, cav., N. Y. N. G. 9 June 16 dis. 16 June 17 roc. 74 inf., N. Y. G. 26 Oct. 17 2 lt. 74 inf. 19 Apr. 18 cap. 24 May 19 accepted. 27 May 19 | Ohio 23 Feb. 88 |
| Burnell, Howell Hunt, 5 sep. 19 | adj. | u. s. navy. 20 Jan. 08 to 30 Jan. 12 | pvt. 74 inf. 14 Jan. 07 to 20 Jan. 08 1 lt. 74 inf. 20 Dec. 17 cap. 6 Sep. 19 accepted. 9 Sep. 19 | Pa. |
| Beyer, Frank A., 26 Sep. 19 | A | ..... | pvt. 74 inf., N. G. N. Y. 21 June 99 hon. dis. 21 Nov. 04 corp. and agt. co. C. 2 lt. 74 inf. 1 Feb. 18 1 lt. 18 Oct. 18 cap. 26 Sep. 19 accepted. 27 Sep. 19 | N. Y. 26 Feb. 82 |
| Bemus, Selden B., 15 Oct. 19 | E | ..... | pvt. co. F, 65 inf. (13 sep. co.) 23 Jan. 06 corp. 17 July 09 full and hon. dis. 26 June 11 1 lt. 74 inf. 23 Jan. 18 cap. 15 Oct. 19 accepted. 16 Oct. 19 | N. Y. 9 May 84 |
| Ryan, Charles E., 5 Nov. 19 reserve list. 18 Nov. 19 | B | ..... | pvt. co. B, 74 inf. 23 Oct. 17 sup. agt. 22 Feb. 19 2 lt. 74 inf. 21 Aug. 18 cap. 5 Nov. 19 accepted. 10 Nov. 19 | N. Y. 22 Feb. 80 |
| First Lieutenants | | | | |
| Webb, John J., 24 Oct. 17 | B | ..... | pvt. co. C, 74 inf. 7 Aug. 99 corp. 28 Jan. 01 agt. 18 Dec. 03 1 agt. 27 Mar. 05 bat. agt. maj. 22 Oct. 06 f. and h. dis. 22 Nov. 09 1 lt. 74 inf. 24 Oct. 17 accepted. 29 Oct. 17 | N. Y. 15 Feb. 76 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------------|--|--|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Werner, Edward Russell, 16 nov. 17 | I | reported from N. G. r. 5 aug. 17 hon. dis. . . 8 aug. 17 (d. r.) | pvt. co. E, 3 inf. 2 may 05 corp. 14 june 11 sgt. 14 aug. 13 1 sgt. 1 mar. 15 qm. sgt. q. m. c. 10 june 15 furloughed to N. G. R. 14 jan. 17 1 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17 | Ohio 18 oct. 82 |
| Billings, Henry Edward, 16 nov. 17 | M | corp. co. M, 65 N. Y. Vols. . . 17 may 98 to 19 nov. 98 | pvt. co. C, 22 inf. . . 19 feb. 90 dropped. 25 apr. 92 taken up. 15 aug. 92 trs. co. B, 7 inf. 27 nov. 93 dropped. 10 may 94 pvt. co. M, 65 inf. . . 1 may 98 corp. 1 may 98 trs. co. H, 74 inf. . . 20 sep. 99 corp. 20 oct. 00 sgt. 20 jan. 02 f. and h. dis. 23 nov. 03 1 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17 | N. Y. 28 jan. 74 |
| Simmons, Van Antwerp, 2 jan. 18 | N | mustered into u. s. ser. 5 july 16 out 5 oct. 16 | pvt. co. K, 3 inf. 16 dec. 05 dropped. 22 feb. 09 taken up in co. I. . . 10 mar. 16 corp. 29 june 16 sgt. 16 jan. 17 full and hon. dis. . . 18 apr. 17 pvt. co. I, 3 inf. d. b. 10 sep. 17 pvt. co. I, 74 inf. . . 12 nov. 17 1 lt. 74 inf. 2 jan. 18 accepted. 5 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19 | N. Y. 31 mar. 85 |
| Thomas, Charles J., 5 feb. 18 f. and h. dis. . . 26 may 19 | asst. i. s. a. p. | ..... | pvt. f. m. 74 inf. . . 16 july 06 trs. to co. C, 74 inf. . 8 oct. 06 corp. 7 oct. 07 sgt. 3 oct. 10 full and hon. dis. . . 6 dec. 13 2 lt. 74 inf. 24 oct. 17 1 lt. 5 feb. 18 accepted. 7 feb. 18 | N. Y. 19 feb. 89 |
| Baumhoefer, Haldane A., 5 feb. 18 | L | ..... | 42 sep. co., N. G. N. Y. 3 oct. 01 corp. 9 nov. 05 hon. dis. 9 nov. 06 enl. d. b. co. E. 21 aug. 17 1 sgt. co. L. 5 oct. 17 1 sgt. 3 dec. 17 1 lt. 74 inf. 5 feb. 18 accepted. 9 feb. 18 | Minn. 17 may 83 |
| O'Rourke, Edward H., 20 apr. 18 | bat. adj. | mustered into u. s. ser. 12 dec. 16 out 24 feb. 17 into 31 mar. 17 1 lt. 108 inf. 20 apr. 18 hon. dis. . . 30 mar. 19 | pvt. co. D. 29 dec. 13 corp. 25 jan. 15 sgt. 1 july 16 2 lt. 14 nov. 16 accepted. 19 nov. 16 dft. 5 aug. 17 r. l. 26 aug. 19 1 lt. 74 inf. 2 dec. 19 accepted. 16 dec. 19 | 23 oct. 92 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|---|-------------|---|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants—Continued</i> | | | | |
| Prior, Charles E., 15 may 18 | H | | pvt. co. G, 74 regt. 11 july 04 corp. 8 jan. 06 sgt. 22 oct. 06 1 sgt. 1 june 11 full and hon. dis. 6 feb. 15 2 lt. 74 inf. 20 feb. 18 1 lt. 15 may 18 accepted 20 may 18 | Can. 4 may 86 |
| Shepard, Bert C., 28 may 18 f. and h. dis. . . . 3 apr. 19 | D | | pvt. co. G, 74 inf. 18 feb. 09 corp. 5 dec. 10 full and hon. dis. 6 july 14 pvt. co. D, 74 inf. 5 nov. 17 1 sgt. 1 lt. 74 inf. 28 may 18 accepted 29 may 18 | N. Y. 2 apr. 88 |
| Kennedy, William Henry, 29 july 18 hon. dis. 27 jan. 19 | C | | pvt. tr. I, 1 cav. 7 may 11 hon. dis. 7 may 14 2 lt. 74 inf. 24 oct. 17 1 lt. 29 july 18 accepted 31 july 18 | N. Y. 16 aug. 88 |
| Scheiterle, Charles M. J., 31 july 18 | bat. adj. | mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 31 mar. 17 hon. dis. . . . 18 apr. 17 (d. r.). | pvt. co. I, 3 inf. 2 may 06 corp. 18 apr. 10 sgt. 23 may 13 full and hon. dis. 4 aug. 14 re-enl. and warrant cont. 1 sgt. 5 jan. 15 hon. dis. 18 apr. 17 2 lt. 74 inf. 2 jan. 18 to 65 inf. 24 may 18 1 lt. 65 inf. 31 july 18 accepted 1 aug. 18 to 74 inf. 28 aug. 19 | N. Y. 3 nov. 77 |
| Bolton, John W., 14 aug. 18 | band leader | mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 31 mar. 17 1 lt. 14 aug. 18 hon. dis. . . . 26 aug. 19 | pvt. band, 74 inf. 24 aug. 03 band master 24 aug. 03 ch. musc. 5 mar. 08 full and hon. dis. 7 june 15 re-enl. and warrant cont. dft. 5 aug. 17 1 lt. 74 inf. 30 aug. 19 accepted 2 sep. 19 | Eng. 14 june 04 |
| Waterhouse, George B., 20 dec. 18 hon. dis. 17 may 19 | bat. adj. | | pvt. co. B, 74 inf. 26 nov. 17 corp. 21 jan. 18 sgt. 14 mar. 18 bat. sgt. maj. 12 oct. 18 1 lt. 74 inf. 20 dec. 18 accepted 23 dec. 18 | Eng. 25 may 83 |
| Crandall, William M., 20 dec. 18 | bat. adj. | | pvt. co. G, 74 inf. 28 nov. 17 sgt. 17 jan. 18 trans. hdq. co. 19 jan. 18 bat. sgt. maj. 21 jan. 18 1 lt. 74 inf. 11 june 18 hon. dis. 22 oct. 18 1 lt. 74 inf. 20 dec. 18 accepted 31 dec. 18 | N. Y. 30 aug. 96 |
| Bentley, Clyde L., 27 dec. 18 | K | pvt. co. K, 8 O. N. G., jan., 1902; corp. and sgt.; hon. dis. oct. 1906. | 2 lt. 74 inf., N. Y. G. . . . 31 oct. 17 1 lt. 27 dec. 18 accepted 4 jan. 19 | Ohio 1 nov. 80 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|-------------------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>First Lieutenants — Concluded</i> | | | | |
| Kelsey, Walter F., 9 jan. 19 | O | ..... | pvt. co. M, 74 inf. 26 nov. 17 1 lt. 74 inf. 23 jan. 18 accepted. 28 jan. 18 to 65 inf. 24 may 18 hon. dis. 14 nov. 18 1 lt. 65 inf. 9 jan. 19 accepted. 17 jan. 19 to 74 inf. 1 aug. 19 | N. Y. 28 July 85 |
| Signor, Charles G., 17 feb. 19 reserve list. 29 aug. 19 | N | ..... | 2 lt. 74 inf. 23 jan. 18 1 lt. 17 feb. 19 accepted. 20 feb. 19 | N. Y. 28 oct. 80 |
| Hickman, Willis G., 22 mar. 19 reserve list. 20 oct. 19 | C | r. o. t. c. 27 aug. to 27 nov., 17; air service 27 nov. 17 hon. dis. ... 21 jan. 19 | pvt. tr. I, 1 cav. 13 nov. 15 dpd. 3 mar. 16 taken up, 2 aero co. ... 1 July 16 sgt. 15 July 16 1 cl. sgt. 29 July 16 1 lt. sig. ops. 2 May 17 accepted. 3 May 17 r. l. 12 May 17 1 lt. 74 inf. 22 mar. 19 accepted. 31 mar. 19 | N. Y. 14 feb. 90 |
| Watkins, Robert B., 24 may 19 | D | ..... | pvt. co. D, 74 inf. — nov. 17 1 sgt. — 2 lt. 74 inf. 30 aug. 18 1 lt. 24 may 19 accepted. 2 June 19 | N. Y. 28 aug. 97 |
| Barton, Arthur L., 7 June 19 | asst. i. a. a. p. | ..... | pvt. co. E, 74 inf. 30 mar. 18 sgt. 30 may 19 1 lt. 74 inf. 7 June 19 accepted. 10 June 19 | N. Y. 24 apr. 94 |
| Macgregor, Roderick H., 9 June 19 | G | 303 eng. 29 apr. 18 hon. dis. as sgt., 29 Jan. 19 | 1 lt. 74 inf. 7 feb. 18 accepted. 9 feb. 18 hon. dis. 26 July 18 1 lt. 74 inf. 9 June 19 accepted. 10 June 19 | N. Y. 23 aug. 87 |
| Power, William A., 8 nov. 19 | bat. adj. | mustered into u. s. ser. 8 mar. 17 to hdq. co. 108 inf., 20 oct. 17 hon. dis. 31 mar. 19 | pvt. co. F, 74 inf. 20 mar. 16 dft. 5 aug. 17 1 lt. 74 inf. 8 nov. 19 accepted. 13 dec. 19 | N. Y. 27 sep. 88 |
| <i>Second Lieutenants</i> | | | | |
| Holland, Fred Porter, 16 nov. 17 | M | 6 Mass. inf., 1890- 1901. | 2 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17 | Mass. 26 may 80 |
| Burch, Frank P., 16 nov. 17 reserve list. 7 June 19 | G | u. s. a. 26 nov. 98 to 11 dec., 01, P. I. | 2 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17 | N. Y. 20 oct. 80 |
| Spaulding, Stephen V. R., 15 may 18 hon. dis. 3 apr. 19 | E | ..... | 2 lt. 74 inf. 15 may 18 accepted. 20 may 18 | N. Y. 24 feb. 84 |
| Conover, Willis C., 1 June 18 | F | navy. 1 sep. 11 to 26 nov. 14 mustered into u. s. ser. 2 July 16 out 24 feb. 17 into 31 mar. 17 to 102 eng. 14 oct. 17 to o. t. c. ... 1 Jan. 18 sgt. 108 inf. 20 apr. 18 2 lt. 26 inf. 1 June 18 hon. dis. ... 14 oct. 19 | pvt. co. I, 74 inf. 28 dec. 14 corp. 24 may 15 dft. 5 aug. 17 2 lt. 74 inf. 15 dec. 19 accepted. 18 dec. 19 | N. Y. 23 feb. 94 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

| Name, grade, date of rank and highest brevet rank | Company | Service | | Born |
|--|----------|--|--|---------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| Second Lieutenants—Cont'd | | | | |
| Williams, E. Harlan, 4 june 18 | O | ..... | pvt. co. M, 74 inf. 28 nov. 17 1 sgt. 9 jan. 18 2 lt. 65 inf. 4 june 18 accepted 6 june 18 to 74 inf. 1 aug. 19 | N. Y. 2 jan. 78 |
| Miller, Harry W. K., 11 june 18 reserve list. 28 nov. 19 | A | ..... | pvt. co. I, 74 regt. 12 mar. 08 corp. 22 nov. 09 sgt. 8 june 11 full and hon. dis. 20 may 12 pvt. co. A, 74 inf. 24 oct. 17 1 sgt. 2 lt. 74 inf. 11 june 18 accepted 17 june 18 | N. Y. 14 mar. 83 |
| Darling, William J., 19 june 18 | L | ..... | pvt. co. L, 74 inf. 15 dec. 17 sgt. 16 mar. 18 2 lt. 74 inf. 19 june 18 accepted 25 june 18 | Vt. 12 apr. 85 |
| Clark, Clyde C., 19 june 18 hon. dis. 3 may 19 | M | ..... | pvt. co. Y, 74 inf. 12 mar. 18 1 sgt. 2 lt. 74 inf. 19 june 18 accepted 26 june 18 | N. Y. 5 nov. 83 |
| Nobbs, William L., 10 july 18 | E | ..... | pvt. co. E, 65 regt. 1 feb. 05 corp. 19 july 08 sgt. 11 aug. 13 full and hon. dis. 22 mar. 15 re-enl. and war. con. 23 mar. 15 full and hon. dis. 23 mar. 16 re-enl. and war. con. 24 mar. 16 to 3 f. a. 11 july 16 full and hon. dis. 24 may 17 pvt. co. E, 74 inf. 25 july 17 1 sgt. 31 dec. 17 to 65 inf. 24 may 18 2 lt. 65 inf. 10 july 18 accepted 11 july 18 to 74 inf. 1 aug. 19 | Penn. 17 aug. 81 |
| Holroyd, Harry J., 10 july 18 | sup. co. | ..... | pvt. co. E, 65 regt. 26 nov. 12 full and hon. dis. 6 dec. 15 re-enlisted 7 dec. 15 corp. 8 apr. 16 to 3 f. a. 11 july 16 full and hon. dis. 17 may 17 2 lt. 65 inf. 10 july 18 accepted 11 july 18 to 74 inf. 28 aug. 19 | Ohio 14 sep. 93 |
| Wilkins, Walter M., 2 aug. 18 hon. dis. 8 july 19 | C | ..... | pvt. co. C, 74 inf. 9 nov. 17 2 lt. 74 inf. 2 aug. 18 accepted 7 aug. 18 | N. Y. 19 apr. 87 |
| Field, George H., 5 sep. 18 hon. dis. 3 may 19 | T | ..... | 2 lt. 74 inf. 5 sep. 18 accepted 11 sep. 18 | N. Y. 83 |
| Wright, Harold A., 28 oct. 18 | N | mustered into u. s. ser. 15 july 16 out 5 oct. 16 | musc. co. I, 3 inf. 27 sep. 10 pvt. 15 apr. 11 lance corp. 12 jan. 12 corp. 6 may 12 sgt. 5 jan. 15 full and hon. dis. 27 sep. 15 pvt. co. I, 3 inf. d. b. 10 sep. 17 pvt. co. I, 3 inf. 12 nov. 17 1 sgt. 12 jan. 18 2 lt. 65 inf. 28 oct. 18 accepted 7 nov. 18 to 74 inf. 1 aug. 19 | N. Y. 29 mar. 93 |

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (*Concluded*)

| Name, grade, date of rank and highest brevet rank | Com- pany | Service | | Born |
|---|-------------------------|--|---|------------------------|
| | | In the armies of U. S. or foreign states | In the National Guard | |
| <i>Second Lieutenants—Con- cluded</i> | | | | |
| Wilkes, Warren B., 1 feb. 19 | G | ..... | pvt. co. I, 74 inf. 4 feb. 18 1 sgt. 23 may 18 2 lt. 74 inf. 1 feb. 19 accepted. 4 feb. 19 | N. Y. 9 mar. 87 |
| Coleman, William J., 8 feb. 19 | asst. i. s. a. p. | ..... | pvt. co. H, 74 inf. 29 oct. 17 corp. 6 jan. 18 2 lt. 74 inf. 8 feb. 19 accepted. 24 feb. 19 | Mass. 17 june 77 |
| Sells, Millar W., 2 june 19 f. and h. dis. . . 22 oct. 19 | F | ..... | musc. 74 inf. 9 apr. 06 pvt. 5 mar. 08 musc. 31 oct. 10 full and hon. dis. 15 apr. 12 2 lt. 74 inf. 2 june 19 accepted. 10 june 19 | Can. 30 june 90 |
| Crosby, Adon W., 26 aug. 19 | C | ..... | pvt. co. C, 74 inf. 11 nov. 17 corp. 19 feb. 18 sgt. 21 oct. 18 2 lt. 74 inf. 26 aug. 19 accepted. 29 aug. 19 | N. Y. 1 apr. 80 |
| Waite, Raymond I. jr., 15 dec. 19 | D | ..... | pvt. co. B, 74 inf. 29 oct. 17 corp. 14 mar. 18 sgt. 19 aug. 18 2 lt. 74 inf. 15 dec. 19 accepted. 17 dec. 19 | N. Y. 4 july 97 |
| Michael, Arthur J. G., 15 dec. 19 | A | ..... | pvt. co. I, 74 inf. 14 june 07 full and hon. dis. 13 nov. 12 pvt. co. A, 74 inf. 14 nov. 17 corp. 21 june 18 sgt. 18 aug. 18 2 lt. 74 inf. 15 dec. 19 accepted. 22 dec. 19 | N. Y. 4 oct. 90 |

RETIRED OFFICERS

| NAME, GRADE AND DATE OF RANK | RETIRED | | Residence |
|--|----------------------------|------------|-------------------|
| | Organization | Date | |
| MAJOR GENERAL | | | |
| Roe, Charles Francis, 9 feb. 98. | National Guard. | 1 may 12 | New York. |
| BRIGADIER GENERALS | | | |
| Babcock, Louis L., 24 sep. 17. | 4 brig. | 18 apr. 19 | Buffalo. |
| Eddy, John G., 11 nov. 07. | 2 brig. | 17 aug. 16 | Brooklyn. |
| Fox, George C., 15 jul. 11. | National Guard. | 15 jul. 11 | Buffalo. |
| Henry, Nelson Herriek (bvt. maj. gen.), 1 jan. 02. | The a. g. S. N. Y. | 31 may 10 | New York. |
| McLeer, James (bvt. maj. gen.), 13 oct. 85. | 2 brig. | 11 nov. 07 | Brooklyn. |
| Morris, William F., 7 may, 1914. | chief, c. a. | 15 jun. 14 | New York. |
| Oliver, Robert Shaw, 30 dec. 90. | 3 brig. | 1 sep. 03 | Washington, D. C. |
| Pettebone, Lauren Woodruff (bvt. maj. gen.), 4 feb. 02. | 4 brig. | 10 apr. 11 | Niagara Falls |
| Smith, George Moore (bvt. maj. gen.), 4 mar. 98. | 1 brig. | 31 dec. 11 | New York. |
| Welch, Samuel M. (bvt. maj. gen.), 16 jun. 11. | 4 brig. | 1 may 15 | Buffalo. |
| COLONELS | | | |
| Appleton, Daniel (bvt. maj. gen.), 6 aug. 89. | 7 inf. | 23 feb. 16 | New York. |
| Barthman, Henry C., 15 june 17. | 47 inf. | 4 mar. 19 | Brooklyn. |
| Cavanagh, James (bvt. brig. gen.), 29 nov. 67. | 69 inf. | 1 dec. 93 | New York. |
| Cole, Ashley William, 7 jan. 95. | supn. | 24 may 15 | England. |
| Davis, Charles Otis (bvt. brig. gen.), 23 nov. 08. | 18 c. d. c. | 15 jun. 14 | Brooklyn. |
| Depew, Chauncey M., 7 jul. 12. | 1. a. 5 div. | 26 feb. 12 | New York. |
| Duffy, Edward (bvt. brig. gen.), 13 apr. 98. | 69 inf. | 12 mar. 09 | New York. |
| Francis, Augustus T. (bvt. brig. gen.), 3 jun. 98. | 171 inf. | 23 jun. 99 | New York. |
| Gildersleeve, Henry A., 5 oct. 74. | supn. | 19 mar. 12 | New York. |
| Huston, Thomas William, 18 mar. 12. | 12 inf. | 23 apr. 13 | New York. |
| Jussen, Carl, 7 oct. 74. | 1 div. | 18 mar. 12 | New York. |
| Kline, Ardolph Loges (bvt. brig. gen.), 6 may 01. | 14 regt. | 1 jan. 06 | Brooklyn. |
| Ladd, William W., 11 jan. 16. | J. A. G. dept. | 26 sep. 16 | New York. |
| Olin, Stephen Henry, 24 feb. 98. | asst. a. g. N. G. | 5 mar. 03 | New York. |
| Praeger, Louis J. | 23 inf. | 28 nov. 19 | Brooklyn. |
| Pruyn, John Isaac (bvt. brig. gen.), 25 jun. 08. | 10 inf. | 24 jun. 10 | Yonkers. |
| Reichert, Louis P., 6 may 78. | supn. | 21 may 15 | Buffalo. |
| Sanger, William Cary, 31 dec. 99. | insp. National Guard. | 27 feb. 02 | Sangerfield. |
| Sauvan, Frank Olin, 23 apr. 14. | 8 c. d. c. | 27 apr. 14 | New York. |
| Stokes, William A. (bvt. brig. gen.), 23 sep. 04. | 23 inf. | 24 jun. 09 | Brooklyn. |
| Wolf, Charles J., 31 aug. 11. | 74 inf. | 26 jun. 16 | Buffalo. |
| LIEUTENANT COLONELS | | | |
| Bakewell, Allan C., 11 oct. 98. | supn. | 22 may 15 | New York. |
| Bendall, Herman, (bvt. col.), 11 dec. 11. | National Guard. | 11 dec. 11 | Albany. |
| Bogart, John, 21 apr. 98. | eng. National Guard. | 15 jan. 06 | New York. |
| Cleveland, James Wray (bvt. col.), 27 feb. 02. | insp. gen. | 18 aug. 08 | New York. |
| Cottle, Edmund Petrie (bvt. col.), 20 jun. 94. | 74 inf. | 18 feb. 11 | Buffalo. |
| Crego, Floyd Stranahan, 2 apr. 98. | surg. 4 brig. | 6 jan. 04 | Buffalo. |
| Cushman, Harry Curtis, 8 jan. 91. | asst. a. g. 3 brig. | 8 feb. 04 | Albany. |
| Healy, Charles, 5 sep. 11. | 69 inf. | 24 mar. 14 | New York. |
| Hurry, Gilford, 26 mar. 98. | chief comy. div. | 1 may 12 | New York. |
| Japhs, Solomon E., 3 jan. 02. | c. a. c. | 10 apr. 12 | New York. |
| Kipp, William H. (bvt. brig. gen.), 14 sep. 95. | 7 inf. | 3 feb. 08 | New York. |
| Kirkland, William James, 5 aug. 98. | supn. | 24 may 15 | New York. |

RETIRED OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | RETIRED | | Residence |
|--|---------------------------------------|------------|-------------------|
| | Organization | Date | |
| LIEUTENANT COLONELS — Continued | | | |
| Knapp, Louis H., 3 jun. 82..... | 4 div..... | 18 nov. 12 | Buffalo. |
| La Rose, Anthime Watson, 30 jun. 11.. | National Guard..... | 30 jun. 11 | Albany. |
| Lawrence, Abram B., 2 jan. 83..... | 4 div..... | 11 mar. 12 | Warsaw. |
| Lilliendahl, John G. R. (bvt. col.), 9 may 06. | 22 eng..... | 6 may 14 | New York. |
| Manning, James Hilton, 30 jun. 11.... | National Guard..... | 30 jun. 11 | Albany |
| Olyphant, Robert (bvt. brig. gen.), 18 dec. 80. | 1 brig..... | 1 sep. 17 | New York. |
| Palmer, Charles N., 27 Oct. 79..... | 4 div..... | 12 mar. 12 | Lookport. |
| Rasmus, Carl Gerhard, (bvt. col.), 30 dec. 10. | 23 inf..... | 25 aug. 13 | Cedarhurst, L. I. |
| Riddabock, Henry G., 2 mar. 99..... | 8 inf..... | 19 jan. 06 | New York. |
| Russell, George D. (bvt. col.), 11 may 99. | c. a. c..... | 26 feb. 08 | Norwalk, Conn. |
| Schilling, Francis A., 14 dec. 70..... | 8 arty..... | 20 apr. 12 | New York. |
| Storey, James H., 15 mar. 80..... | 2 div..... | 20 feb. 12 | Brooklyn. |
| Todd, Charles Griswold (bvt. col.), 26 nov. 04. | 23 inf..... | 15 mar. 07 | Brooklyn. |
| MAJORS | | | |
| Abeel, Alfred Havens, 23 aug. 00..... | a. g. dept..... | 11 mar. 12 | New York. |
| Barnie, Alexander, 17 jun. 93..... | o. d..... | 5 mar. 12 | Brooklyn. |
| Barrett, Frank Brower, 23 oct. 12..... | 1 f. a..... | 5 may 14 | New York. |
| Bascorn, George J., 3 jun. 98..... | 171 inf..... | 26 mar. 12 | Mt. Vernon |
| Bissell, William Grosvenor, 7 oct. 97.. | 74 inf..... | 24 feb. 14 | Buffalo. |
| Briggs, Albert Henry (bvt. lt. col.), 23 apr. 83. | m. c..... | 31 dec. 11 | Buffalo. |
| Burr, Daniel S. (bvt. lt. col.), 2 may 99. | surg. 1 inf..... | 25 mar. 07 | Binghamton. |
| Butler, Mighella B. (bvt. lt. col.), 22 dec. 93. | 3 inf..... | 4 jan. 13 | Niagara Falls. |
| Chase, James T., 29 mar. 98..... | 12 bat..... | 9 mar. 99 | New York. |
| Christoffel, John B. (bvt. lt. col.), 8 oct. 08. | o. d..... | 1 aug. 10 | Brooklyn. |
| Cipollari, Joseph, 8 mar. 09..... | 8 c. d. c..... | 5 feb. 14 | Lynnbrook, L. I. |
| Cleminshaw, Charles G., 8 sep. 99..... | comy. of sub. 3 brig..... | 6 jan. 04 | Troy. |
| Cochran, Henry Lord (bvt. lt. col.), 21 mar. 98. | m. c..... | 18 sep. 09 | Brooklyn. |
| Colles, Christopher John (bvt. lt. col.), 28 aug. 99. | m. c..... | 23 feb. 15 | New York. |
| Content, Washington, 23 jan. 97..... | 12 inf..... | 24 jan. 01 | New York. |
| de Forest, Henry P., 17 jan. 00..... | m. c..... | 18 may 12 | New York. |
| de Russay, Reus A., 3 oct. 08..... | 12 inf..... | 1 jul. 10 | New York. |
| Diehl, George C., 10 oct. 17..... | eng. (N. G. R.)..... | 18 nov. 19 | Buffalo. |
| Disbrow, Robert M., 16 apr. 13..... | m. c..... | 6 oct. 16 | New York. |
| Doty, Alvah H., 8 mar. 88..... | surg. 9 regt..... | 20 may 97 | New York. |
| Earle, Eugene M., 6 may 75..... | supn..... | 21 may 15 | Brooklyn. |
| Fisher, Harris B., 1 dec. 98..... | 1 brig..... | 11 mar. 12 | Pelham Manor. |
| Gedney, Frederick J., 17 jan. 81..... | supn..... | 24 may 15 | New York. |
| Green, Lelandale B., 13 jan. 04..... | q. m. c..... | 5 jul. 16 | Troy. |
| Holland, John B. (bvt. col.), 25 feb. 08 | a. d. c. staff maj. gen com. N. G. | 15 jan. 08 | New York. |
| Houston, David Walker, 25 nov. 98.... | m. c..... | 24 jan. 10 | Troy. |
| Hyatt, James Levinus (bvt. lt. col.), 11 may 00. | 10 bat..... | 15 jan. 03 | Albany. |
| Jackson, Thomas Edmund (bvt. lt. col.), 2 apr. 03. | 47 inf..... | 21 dec. 11 | Brooklyn. |
| Jarrett, Arthur Richard, 19 jun. 12.... | m. c..... | 22 apr. 14 | Brooklyn. |
| Jarvis, Nathan S., 14 dec. 99..... | m. c..... | 19 feb. 12 | New York. |
| Jones, Samuel Case, 8 jun. 07..... | 3 inf..... | 2 may 13 | Rochester. |
| Kirby, William Maurice (bvt. maj. gen.), 31 dec. 98. | o. d..... | 31 dec. 11 | Auburn. |
| Linson, William H. (bvt. lt. col.), 14 jun. 00. | 71 inf..... | 8 apr. 10 | New York. |
| Lydecker, Charles A. (bvt. lt. col.), 22 jun. 16. | 7 inf..... | 17 jul. 17 | New York. |
| McCarthy, Edmund D., 10 oct. 17..... | a. g. d..... | 18 apr. 19 | Buffalo. |
| McCutcheon, Henry D., 11 dec. 17.... | 47 inf..... | 19 mar. 19 | Brooklyn. |
| Marsh, Edward T. T., 4 mar. 85..... | surg. 71 inf..... | 23 may 06 | New York. |
| Martin, Frank Adrian, 24 may 07..... | 23 inf..... | 26 mar. 09 | Brooklyn. |

RETIRED OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | RETIRED | | Residence |
|---|-------------------------|------------|-------------------------|
| | Organization | Date | |
| MAJORS — Continued | | | |
| Metsger, George J., 15 July 98..... | engrs. (N. G. R.)..... | 18 nov. 19 | Buffalo |
| Mitchell, Edmund Harmon, 13 dec. 97. | 14 inf..... | 12 jan. 05 | Brooklyn. |
| Mott, Seldon Whitney (bvt. lt. col.), 20 aug. 08. | 2 inf..... | 1 may 13 | Hudson Falls. |
| Mynotte, William Thomas, 5 jan. 10.... | 23 inf..... | 28 oct. 13 | Brooklyn. |
| Nugent, Arthur Wellesley (bvt. lt. col.), 6 apr. 11. | 10 inf..... | 29 jan. 14 | Yonkers. |
| Pettit, James F., 5 jan. 77..... | 44 bat..... | 11 mar. 12 | Binghamton. |
| Poillon, Richard H., 17 sep. 79..... | 4 brig..... | 5 aug. 86 | New York. |
| Reville, Philip E., 28 may 07..... | 69 inf..... | 16 may 13 | Brooklyn. |
| Richmond, Harry Signa, 7 oct. 11..... | 1 cav..... | 10 jun. 14 | Albany. |
| Russell, Nelson C., 13 mar. 10..... | m. c..... | 25 jan. 13 | Buffalo. |
| Scott, Walter, 1 apr. 98..... | 17 bat..... | 9 mar. 99 | Oneonta. |
| Sheldon, Theodore Butler (bvt. lt. col.), 9 dec. 02. | a. g. dept..... | 25 feb. 11 | Buffalo. |
| Smith, Eugene Alfred, 10 feb. 04..... | m. c..... | 28 jan. 10 | Buffalo. |
| Smith, Harrie Eugene, 1 may 05..... | m. c..... | 10 feb. 10 | Mt. Vernon. |
| Smith, Lee H., 31 oct. 17..... | m. c..... | 18 apr. 19 | Buffalo. |
| Stevenson, Frederick Harper, 13 sep. 06 | 14 inf..... | 3 dec. 13 | Brooklyn. |
| Thomas, Frederic Chichester, 8 mar. 00. | 1 brig..... | 11 mar. 12 | New York. |
| Walton, John D. (bvt. lt. col.), 14 feb. 02. | 9 arty..... | 19 may 13 | New York. |
| Wood, Frederick J. J. (bvt. lt. col.), 22 dec. 07. | m. c..... | 8 apr. 10 | Brooklyn. |
| Yates, Austin A., 1 apr. 98..... | 2 inf..... | 29 jan. 01 | Schenectady. |
| Young, Horace Greeley, 22 jan. 91.... | 3 brig..... | 11 apr. 01 | Albany. |
| CAPTAINS | | | |
| Acker, Eben E., 17 apr. 08..... | c. a. c..... | 10 aug. 16 | New York. |
| Anderson, John A., 5 jul. 16..... | r. l..... | 30 sep. 18 | New York. |
| Barker, Edward (bvt. maj.), 3 may 75. | supn..... | 21 may 15 | New York. |
| Barlow, Joseph Richard Kenrick, 16 nov. 95. | 14 inf..... | 21 mar. 00 | Brooklyn. |
| Barnum, Charles H., 17 aug. 17..... | 23 inf..... | 12 dec. 19 | Brooklyn. |
| Baum, Henry Clay, 2 mar. 00..... | asst. surg. 3 bat..... | 10 mar. 05 | Syracuse. |
| Beasley, Crawford D., 17 may 09..... | m. c..... | 31 jul. 11 | Brooklyn. |
| Bell, James Alexander (bvt. maj.), 24 jan. 99. | 22 eng..... | 2 jun. 05 | Richmond Hill, L. I. |
| Bruckmann, Gustav T., 22 nov. 99.... | 14 inf..... | 3 mar. 11 | Brooklyn. |
| Buck, Willis Ripley (bvt. maj.), 19 apr. 98. | 74 inf..... | 9 apr. 12 | Buffalo. |
| Bush, Robert P., 1 dec. 87..... | 26 sep. co..... | 5 mar. 12 | Branchport. |
| Butler, John G., 12 apr. 88..... | 41 sep. co..... | 1 jan. 01 | Syracuse. |
| Butler, Louis A., 5 sep. 17..... | 23 inf..... | 28 nov. 19 | Brooklyn. |
| Carroll, John Francis, 15 jul. 95..... | 14 inf..... | 20 dec. 05 | Brooklyn. |
| Coleman, Hugh, 4 jan. 75..... | 69 inf..... | 8 mar. 12 | New York. |
| Conlon, James, 27 dec. 81..... | 99 inf..... | 4 dec. 90 | New York. |
| Crooks, George W., 6 apr. 88..... | 27 sep. co..... | 11 nov. 98 | Binghamton. |
| Delany, John A., 26 apr. 98..... | 69 inf..... | 27 nov. 09 | New York. |
| Dixon, John J. (bvt. maj.), 10 jan. 84. | i. s. a. p. 14 inf..... | 6 dec. 99 | Brooklyn. |
| Dixon, John James (bvt. maj.), 6 jul. 99 | 14 inf..... | 6 apr. 08 | Brooklyn. |
| French, William A., 15 jun. 98..... | 13 regt..... | 12 mar. 12 | Brooklyn. |
| Green, John Kneeland, 28 jan. 13..... | div n. g..... | 12 apr. 13 | New York. |
| Greer, Louis Morris, 27 feb. 08..... | div. n. g..... | 1 may 12 | New York. |
| Hall, Albert C., 10 oct. 77..... | supn..... | 21 may 15 | Brooklyn. |
| Hart, Charles L., 6 dec. 84..... | 7 brig..... | 11 mar. 12 | Elmira. |
| Hart, Joseph (bvt. maj.), 9 mar. 92.... | 47 inf..... | 20 feb. 08 | Brooklyn. |
| Haubennestel, William (bvt. maj.), 12 nov. 66. | 19 sep. co..... | 11 mar. 12 | Poughkeepsie. |
| Hayes, Almeron Delos, 10 jul. 93..... | supn..... | 16 mar. 12 | Syracuse. |
| Hegeman, John R., Jr., 22 jul. 12..... | c. d..... | 17 oct. 13 | New York. |
| Herron, Hugh H., 1 mar. 77..... | 29 sep. co..... | 1 oct. 90 | Rochester. |
| Hornbeck, Benjamin Johnson, 28 sep. 98 | supn..... | 8 mar. 12 | Kingston. |
| Hunter, William Goldsmith, 25 sep. 93. | 10 sep. co..... | 3 jul. 06 | Newburgh. |
| Ingraham, John Henry, (bvt. maj.) 11 feb. 05. | 22 inf..... | 28 oct. 12 | Brooklyn. |
| Kerby, William H., Jr., 20 jun. 82..... | 12 regt..... | 17 jan. 93 | New York. |
| Lents, Charles B., 17 oct. 01..... | 74 inf..... | 17 mar. 13 | Tonawanda. |
| Lloyd, Francis G., 7 aug. 19..... | 9 c. d. c..... | 12 aug. 19 | New York. |

RETIRED OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | RETIRED | | Residence |
|--|-----------------------------|------------|--------------------|
| | Organization | Date | |
| CAPTAINS—Continued | | | |
| Lovenberg, Eugene, 18 may 03..... | c. a. c..... | 23 jul. 13 | Summit, N. J. |
| Maidhof, William J., 10 dec. 88..... | 22 regt..... | 7 jul. 97 | Jersey City, N. J. |
| Marks, William Wolcott, 10 nov. 85..... | 9 inf..... | 14 feb. 00 | New York. |
| Martyne, Charles William, 12 dec. 12..... | 23 inf..... | 13 aug. 15 | Brooklyn. |
| Marvin, Matthew W., 20 may 79..... | 33 sep. co..... | 31 may 92 | Binghamton. |
| Mayer, William G., 12 mar. 18..... | 10 inf..... | 16 apr. 19 | Oneida. |
| Morgan, George, Jr., 13 dec. 70..... | 74 inf..... | 11 mar. 12 | Bath. |
| Mortimer, Thomas, 23 mar. 85..... | supn..... | 25 may 15 | New York. |
| Musson, George Thomas (bvt. maj.), 5 may 98..... | c. d..... | 27 aug. 09 | Brooklyn. |
| Myers, Berthold, 11 sep. 79..... | 15 sep. co..... | 2 jan. 92 | Albany. |
| Nurse, Walter F. (bvt. maj.), 22 may 96..... | 65 inf..... | 14 aug. 11 | Buffalo. |
| O'Brien, John Emmett, 5 jul. 95..... | 69 inf..... | 4 apr. 99 | New York. |
| O'Connell, John, 14 feb. 94..... | 69 inf..... | 15 jun. 98 | New York. |
| O'Donnell, James Matthew, 11 dec. 99..... | c. a. c..... | 1 nov. 12 | New York. |
| Olsted, Laurel L. (bvt. maj.), 13 nov. 74..... | 6 batty..... | 2 oct. 01 | Binghamton. |
| Onderdonk, John D. A. (bvt. maj.), 5 dec. 01..... | 23 inf..... | 2 sep. 08 | Brooklyn. |
| Palmer, William H. (bvt. maj.), 1 may 83..... | o. d..... | 31 dec. 11 | New York. |
| Phelan, James J., 11 nov. 98..... | 2 inf..... | 7 feb. 08 | New York. |
| Rafferty, Peter Francis, 19 jul. 98..... | supn..... | 25 may 15 | New York. |
| Rasquin, Henry S. (bvt. maj.), 22 may 82..... | 3 batty..... | 17 jan. 07 | Brooklyn. |
| Scanlon, John Joseph, 30 apr. 00..... | 69 inf..... | 18 may 12 | New York. |
| Schuyler, Walter G. (bvt. lieut. col.), 22 may 96..... | 7 inf..... | 12 jul. 15 | New York. |
| Sherry, Lansford Franklin (bvt. maj.), 27 mar. 08..... | f. a..... | 13 mar. 12 | New York. |
| Stacey, James G. (bvt. maj.), 19 jan. 06..... | 34 sep. co..... | 29 dec. 13 | Geneva. |
| Suydam, Walter L., 26 dec. 17..... | 9 c. a. c..... | 3 jun. 18 | New York. |
| Vunk, Darwin E., 3 sep. 88..... | 46 sep. co..... | 11 jun. 06 | Amsterdam. |
| Webb, William E., 10 oct. 77..... | 2 brig..... | 19 mar. 12 | New York. |
| Williams, Alfred H., 6 dec. 73..... | 23 inf..... | 2 apr. 12 | Philadelphia. |
| Young, Thomas M., 15 mar. 86..... | 8 regt..... | 17 apr. 96 | New York. |
| FIRST LIEUTENANTS | | | |
| Barnum, Edward H. (bvt. cap.), 25 sep 03..... | o. d..... | 12 jan. 10 | Brooklyn. |
| Bridges, Charles W., 3 dec. 88..... | 14 inf..... | 11 oct. 99 | Brooklyn. |
| Calkins, Frederic R., 25 may 07..... | m. c..... | 26 nov. 10 | Watertown. |
| Clute, William T., 31 dec. 83..... | asst. surg. 36 sep. co..... | 31 jan. 94 | Schenectady. |
| Dorval, Alphonzo C. (bvt. cap.), 12 dec. 98..... | asst. surg. 9 sep. co..... | 10 may 04 | Whitehall. |
| Gresham, Christopher (bvt. cap.), 29 apr. 98..... | 10 inf..... | 16 jun. 10 | Albany. |
| Haviland, George W., Jr. (bvt. cap.), 18 may 96..... | 10 inf..... | 3 jun. 09 | Flushing. |
| Knight, Archibald Stephen, 4 mar. 08..... | m. c..... | 28 mar. 11 | Rochester. |
| Laing, George Edgar (bvt. cap), 22 oct. 98..... | 3 batty..... | 10 apr. 12 | Brooklyn. |
| List, John, 30 apr. 00..... | 71 inf..... | 7 jun. 10 | New Rochelle. |
| Loughran, Elbert DuBois, 23 jan. 09..... | m. c..... | 2 feb. 12 | Kingston. |
| McNamara, John Patrick, 15 jul. 95..... | 14 inf..... | 31 aug. 06 | Brooklyn. |
| Mason, Samuel John (bvt. cap.), 14 sep. 99..... | 3 inf..... | 6 nov. 11 | Niagara Falls. |
| Meyers, John Henry, 3 dec. 03..... | 74 inf..... | 21 mar. 14 | Buffalo. |
| Philcox, Frederick James, 30 jun. 11..... | 65 inf..... | 10 jun. 14 | Buffalo. |
| Platt, William John, 13 apr. 06..... | 74 inf..... | 28 sep. 14 | Buffalo. |
| Smith, Joseph M., 7 jul. 87..... | 22 regt..... | 13 oct. 97 | New York. |
| Tracy, William J., 8 apr. 13..... | m. c..... | 5 may 16 | Hornell. |
| Travis, William Jewett (bvt. maj.), 8 nov. 00..... | 23 inf..... | 1 feb. 06 | Brooklyn. |
| Underwood, John N. (bvt. cap.), 22 aug. 81..... | 6 batty..... | 7 oct. 02 | Binghamton. |
| Vanamee, Talcott Ostrom, 6 feb. 11..... | 1 inf..... | 6 feb. 11 | Newburgh. |
| Wilkins, George T., 5 oct. 85..... | supn..... | 26 jan. 14 | Penn Yan. |

RETIRED OFFICERS — (Concluded)

| NAME, GRADE AND DATE OF RANK | RETIRED | | Residence. |
|--|-----------------|------------|---------------|
| | Organization | Date | |
| SECOND LIEUTENANTS | | | |
| Beutell, Martin L., 2 jan. 78..... | 19 sep. co..... | 13 mar. 96 | Troy. |
| Dick, Adolph E., 20 apr. 81..... | 22 regt..... | 3 aug. 93 | New York. |
| Gombers, Alexander Stevens, 5 mar. 08 | 23 inf..... | 27 aug. 09 | Brooklyn. |
| Gross, John H. (bvt. 1 lt.), 10 jun. 81.. | 6 batty..... | 14 jun. 06 | Binghamton. |
| Masten, Daniel Westley, 28 sep. 93.... | 46 sep. co..... | 20 oct. 03 | Troy. |
| Merritt, Graham B., 29 jul. 79..... | 16 bat..... | 14 mar. 12 | Ossining. |
| McGreevey, John, 25 may 87..... | 7 inf..... | 19 apr. 99 | New York. |
| Nickerson, Lorenzo Miller, 6 nov. 93... | 3 batty..... | 16 jun. 05 | Brooklyn. |
| Post, Henry, 9 dec. 12..... | 74 inf..... | 7 jul. 14 | Buffalo. |
| Raymond, Edward Denton, 25 nov. 95... | 14 inf..... | 3 oct. 06 | Brooklyn. |
| Thompson, Alex. R. (2 lt.), 28 feb. 18.. | 9 c. a. c..... | 29 mar. 18 | New York |
| VanKleeck, Wm. H., Jr., 11 nov. 95... | 13 cav..... | 15 apr. 15 | New York. |
| CHAPLAINS | | | |
| Converse, Rob Roy McNulty, 5 jun. 07 | 3 inf..... | 31 dec. 11 | Rochester. |
| Dunnell, William N., (bvt. maj.), 15 apr. 74. | 22 eng..... | 15 apr. 05 | New York. |
| Morgan, David, P., 30 jul. 85..... | sq. A..... | 11 dec. 06 | New York. |
| Parker, Lindsay, 19 mar. 94..... | 23 inf..... | 4 nov. 09 | Brooklyn. |
| Rhoades, William C. P., 31 jan. 00.... | c. a. c..... | 31 dec. 11 | Brooklyn. |
| Richards, George B., 26 dec. 99..... | 65 inf..... | 14 nov. 10 | Buffalo. |
| Tenney, Albert Francis, 9 may 99..... | 10 inf..... | 31 dec. 11 | Pelham Manor. |
| Tilton, Edgar, Jr., 8 nov. 00..... | 71 inf..... | 11 mar. 12 | New York. |
| BREVET COMMISSION OF CAPTAIN ISSUED FOR GALLANT AND MERITORIOUS SERVICE | | | |
| Patrick H. Dailey, 21 jun. 17, enlisted 21 may 62, at Albany to serve three months; mustered in same date; mustered out 8 sep. 62; enlisted 9 sep. 63, in co. G, 14 Conn vol. inf. wounded 24 may 64, at North Anna. Va.; trans. to 119 co., vet. res. corps 19 jan. 65; dis. 27 jul. 65. | | | |

**BREVET COMMISSIONS AS SECOND LIEUTENANTS ISSUED TO ENLISTED
MEN RETIRED AFTER TWENTY-FIVE YEARS' SERVICE**

| NAME | Grade and organization when brevetted | Date of rank | Residence |
|----------------------------------|--|-----------------|-------------------|
| Brewster, Joseph..... | qm. sgt. co. B 23 inf..... | 3 may 98 | Brooklyn. |
| Woodcock, Thomas..... | sgt. color bearer 13 regt..... | 18 may 98 | Brooklyn. |
| MacVeety, Robert J..... | pvt. co. K 23 inf..... | 28 nov. 98 | Brooklyn. |
| Holt, Charles J..... | qm. sgt. co. G 23 inf..... | 30 jan. 99 | Brooklyn. |
| Lent, Whitman S..... | pvt. co. I 7 inf..... | 9 may 00 | New York. |
| Kemp, William Cullen Bryant..... | pvt. co. B 7 inf..... | 30 oct. 00 | New York. |
| Page, John McC..... | pvt. 36 sep. co. 2 inf..... | 14 jun. 01 | Schenectady. |
| Mingay, Richard..... | pvt. 23 sep. co. 2 inf..... | 18 jul. 02 | Saratoga Springs. |
| Miller, Charles A..... | sgt. co. E, 47 inf..... | 9 may 03 | Brooklyn. |
| Kelly, John..... | sgt. co. G 47 inf..... | 23 oct. 03 | Brooklyn. |
| Brown, George W..... | drum. maj. 23 inf..... | 10 dec. 03 | Brooklyn. |
| Guardinier, Theodore..... | qm. sgt. co. C 10 bat..... | 15 mar. 04 | Albany. |
| Wright, Joseph H..... | mus. 47 inf..... | 21 mar. 04 | Brooklyn. |
| Arthur, Frank..... | pvt. 31 sep. co. 4 bat..... | 28 mar. 04 | Mohawk. |
| Narwood, Edward H..... | color bearer 13 regt..... | 25 apr. 05 | Brooklyn. |
| Hagin, Edward..... | pvt. 37 sep. co. 2 inf..... | 21 nov. 05 | Schenectady. |
| Adgate, Joseph J..... | sgt. maj. 71 inf..... | 11 dec. 05 | New York. |
| Cornell, Reuben Lovel..... | drum. maj. 14 inf..... | 23 jan. 06 | Brooklyn. |
| Wood, Samuel M..... | qm. sgt. co. H 23 inf..... | 13 feb. 06 | Brooklyn. |
| Haws, Philip H..... | mus. co. C 7 inf..... | 16 jun. 06 | New York. |
| Everdell, Henry..... | qm. sgt. co. D 7 inf..... | 30 jun. 06 | New York. |
| Way, Edward..... | color bearer 2 inf..... | 24 jul. 06 | Troy. |
| Breen, Robert B., Jr..... | pvt. co. B 8 inf..... | 29 oct. 06 | New York. |
| Perl, Frederick Christopher..... | mus. 28 sep. co. 1 inf..... | 28 dec. 06 | Utica. |
| Flett, William Alexander..... | 1 sgt. co. B 74 inf..... | 5 jan. 07 | Buffalo. |
| Daniell, John, Jr..... | pvt. co. G 7 inf..... | 19 feb. 07 | New York. |
| Sontag, George J..... | pvt. co. G 7 inf..... | 19 feb. 07 | New York. |
| Bruford, Noah..... | color bearer 71 inf..... | 25 feb. 07 | New York. |
| Hildreth, Hirschel P..... | pvt. co. K 23 inf..... | 10 apr. 07 | Brooklyn. |
| Moog, John J..... | qm. sgt. 3 bat..... | 23 may 07 | Brooklyn. |
| Unger, Joseph..... | 1 sgt. co. B 23 eng..... | 29 may 07 | New York. |
| Fox, Horace E..... | pvt. co. D 7 inf..... | 22 oct. 07 | New York. |
| Dederer, Joseph R..... | pvt. co. F 7 inf..... | 22 oct. 07 | New York. |
| Williams, Joseph..... | qm. sgt. co. H 7 inf..... | 28 oct. 07 | New York. |
| Cornee, Victor..... | sgt. 18 co. c. a. c..... | 29 feb. 08 | New York. |
| Logan, Edward D. B..... | 1 sgt. co. H 14 inf..... | 27 apr. 08 | Brooklyn. |
| Menaies, Alexander G..... | regt. qm. sgt. 12 inf..... | 16 may 08 | New York. |
| Robinson, William A..... | 1 sgt. co. D 23 inf..... | 2 sep. 08 | Brooklyn. |
| Warren, William W..... | post qm. sgt. qm. dept..... | 26 oct. 08 | New York. |
| Oliver, Thomas..... | pvt. co. G 10 inf..... | 7 apr. 09 | Yonkers. |
| Tillotson, George Harrison..... | pvt. co. G 10 inf..... | 7 apr. 09 | Yonkers. |
| Buokhorn, Frank..... | sgt. 26 co. c. a. c..... | 16 aug. 09 | New York. |
| Farrell, Peter J..... | ord. sgt. 14 inf..... | 15 sep. 09 | Brooklyn. |
| Duteher, Dewitt P..... | pvt. co. G 23 inf..... | 10 feb. 10 | Brooklyn. |
| Edwards, Joseph..... | pvt. co. L 3 inf..... | 26 feb. 10 | Elmira. |
| Massa, James..... | qm. sgt. co. A 12 inf..... | 1 jun. 10 | New York. |
| Van Heusen, Anthony B..... | sgt. co. B 12 inf..... | 1 jun. 10 | New York. |
| McDowell, Patrick..... | qm. sgt. co. A 69 inf..... | 24 jun. 10 | New York. |
| Schielbel, Henry..... | mus. co. G 71 inf..... | 11 jul. 10 | New York. |
| Arbuckle, John W..... | corp. co. G 10 inf..... | 24 sep. 10 | Yonkers. |
| Gendar, William S..... | sgt. maj. j. g. c. a. c..... | 14 nov. 10 | Brooklyn. |
| Schoonmaker, Edward C..... | pvt. co. D 7 inf..... | 26 nov. 10 | New York. |
| McNevin, James..... | ord. sgt. c. a. c..... | 2 dec. 10 | Brooklyn. |
| Ellies, Herman F. C..... | qm. sgt. 16 co. c. a. c..... | 23 dec. 10 | New York. |
| Place, Joseph F..... | sgt. co. C 47 inf..... | 3 mar. 11 | Brooklyn. |
| DeLafield, Albert..... | qm. sgt. co. I 7 inf..... | 27 apr. 11 | New York. |
| Harvey, Thomas Mackness..... | sgt. maj. s. g. c. a. c..... | 31 may 11 | Brooklyn. |
| Ross, William..... | qm. sgt. co. B 2 inf..... | 18 dec. 11 | Cohoes. |
| Schneider, August..... | drum. maj. 74 inf..... | 10 jun. 12 | Buffalo. |
| Macy, Frank W..... | 1 sgt. co. F 10 inf..... | 17 jun. 12 | Hudson. |
| Kinney, James T..... | pvt. co. F 23 inf..... | 31 oct. 12 | Brooklyn. |
| Hyson, William..... | regt. qm. sgt. 47 inf..... | 6 nov. 12 | Brooklyn. |
| Reisig, Charles H..... | qm. sgt. co. E 7 inf..... | 23 dec. 12 | New York. |
| Brintnall, Charles S..... | pvt. co. A 2 inf..... | 14 jan. 13 | Troy. |
| Sullivan, John J..... | 2 class pvt. co. B 22 eng..... | 2 may 13 | New York. |
| Meisner, John F..... | sgt. band 74 inf..... | 2 may 13 | Buffalo. |
| Meyer, Daniel C..... | pvt. co. C 7 inf..... | 12 may 13 | New York. |
| Adair, John S..... | sgt. maj. 12 inf..... | 16 may 13 | New York. |
| Lane, James H..... | comy. sgt. 10 inf..... | 4 sep. 13 | Albany. |
| Lehr, Melvin W..... | pvt. co. H 2 inf..... | 21 oct. 13 | Amsterdam. |
| Graham, Chauncey B..... | post qm. sgt. 13 arty. dist..... | 5 nov. 13 | Brooklyn. |
| Pennoyer, Charles H..... | pvt. co. G 23 inf..... | 3 dec. 13 | Brooklyn. |
| Summers, William M..... | pvt. co. E 23 inf..... | 3 dec. 13 | Brooklyn. |
| Sweeney, John W..... | pvt. co. D 23 inf..... | 3 dec. 13 | Brooklyn. |
| McDermott, John..... | color sgt. 12 inf..... | 19 dec. 13 | New York. |

**BREVET COMMISSIONS AS SECOND LIEUTENANTS ISSUED TO ENLISTED
MEN RETIRED AFTER TWENTY-FIVE YEARS' SERVICE — (Concluded)**

| NAME | Grade and organization when brevetted | Date of rank | Residence |
|-------------------------|--|-----------------|--------------|
| Nimmo, William H. D. | pvt. co. I 10 inf. | 17 dec. 13 | Flushing. |
| Gleason, Charles E. | pvt. co. E 7 inf. | 19 dec. 13 | New York. |
| Morris, John J. | pvt. 15 co. c. a. c. | 9 mar. 14 | New York. |
| Meeker, James H. | pvt. co. H 1 inf. | 13 mar. 14 | Binghamton. |
| Olin, Frank Lester. | qm. sgt. co. G 1 inf. | 3 apr. 14 | Oneonta. |
| Rowe, Chester A. | pvt. co. F 2 inf. | 3 apr. 14 | Sebecetady. |
| Scobie, Andrew J. | mus. co. D 1 inf. | 1 may 14 | Ogdensburg. |
| Rauschkolb, Louis. | chief trumpeter, c. a. c. | 11 may 14 | New York. |
| Prull, Charles W. | pvt. co. M 10 inf. | 18 may 14 | Kingston. |
| Knight, Frank M. | post qm. sgt. 7 inf. | 17 jun. 14 | New York. |
| Simons, Andrew J. | post qm. sgt. 2 inf. | 15 jul. 14 | Troy. |
| Bush, Amos J. | 1 sgt. batty. C 1 f. a. | 24 jul. 14 | Binghamton. |
| Morgan, William M. | pvt. co. H 7 inf. | 10 oct. 14 | New York. |
| Tallon, Edward. | pvt. co. D 69 inf. | 30 oct. 14 | New York. |
| Hand, Anthony. | pvt. co. D 69 inf. | 30 oct. 14 | New York. |
| Dillon, Joseph M. | 1 sgt. co. L 1 inf. | 5 nov. 14 | Newburgh. |
| Johnston, John. | mus. co. B 14 inf. | 9 nov. 14 | Brooklyn. |
| Howard, Joseph F. | sgt. co. E 14 inf. | 16 nov. 14 | Brooklyn. |
| Leonard, George W. | pvt. co. E 14 inf. | 16 nov. 14 | Brooklyn. |
| Kretscham, Emil A. | sgt. band 7 inf. | 23 nov. 14 | New York. |
| Walker, Edward. | pvt. co. D 23 inf. | 14 dec. 14 | Brooklyn. |
| Jansen, John G. | regt. sgt. maj. 1 f. a. | 15 dec. 14 | New York. |
| Serven, Marshall W. | qm. sgt. co. A 7 inf. | 31 dec. 14 | New York. |
| Eason, Alfred I. | qm. sgt. c. a. c. 13 c. d. c. | 11 jan. 15 | Brooklyn. |
| Shumway, Albert. | pvt. co. H, 7 inf. | 20 jan. 15 | New York. |
| Kerr, Thomas F. | sgt. co. K, 69 inf. | 27 jan. 15 | New York. |
| Plate, Edward D. | pvt. 8 co. c. a. c. | 10 feb. 15 | Brooklyn. |
| Bailey, James. | pvt. 8 co. c. a. c. | 10 feb. 15 | Brooklyn. |
| Scheurer, Charles T. | 1 sgt. co. C, 10 inf. | 10 feb. 15 | Albany. |
| Maxwell, John. | bat. sgt. maj. 65 inf. | 15 mar. 15 | Buffalo. |
| Rogers, James C. | 1 sgt. co. C, 71 inf. | 29 mar. 15 | New York. |
| Wilson, George A. | qm. sgt. 13 c. d. c. | 31 mar. 15 | Brooklyn. |
| Arnot, Raymond. | pvt. 19 co. c. a. c. | 8 apr. 15 | New York. |
| Kellogg, Benjamin A. | pvt. co. G, 7 inf. | 15 apr. 15 | New York. |
| Martin, Isaac S. | qm. sgt. 12 inf. | 26 apr. 15 | New York. |
| Wenk, Augustus J. | qm. sgt. 12 inf. | 30 apr. 15 | New York. |
| Mason, Walter C. | regt. sgt. maj. 65 inf. | 19 may 15 | Buffalo. |
| McCarthy, Joseph A. | pvt. co. H, 23 inf. | 21 may 15 | Brooklyn. |
| Brown, Charles H. | drum maj. 7 inf. | 20 may 15 | New York. |
| Guerra, Theodore. | sgt. co. C, 7 inf. | 19 jun. 15 | New York. |
| Halliday, Charles G. | pvt. co. C, 7 inf. | 24 jun. 15 | New York. |
| Davis, Richard N. | drum major, band, 71 inf. | 6 jul. 15 | New York. |
| Schaffner, Samuel S. | sgt. qm. corps. | 9 jul. 15 | Buffalo. |
| Murray, Charles. | pvt. co. D, 7 inf. | 14 jul. 15 | New York. |
| Dixon, William A. | sgt. co. G, 7 inf. | 14 jul. 15 | New York. |
| McCoy, Frank. | pvt. co. C, 7 inf. | 21 jul. 15 | New York. |
| Wanty, Edward. | pvt. co. B, 7 inf. | 15 oct. 15 | New York. |
| Rose, Emerson H. | qm. sgt. co. I, 1 inf. | 28 oct. 15 | Middletown. |
| Stevens, William B. | color sgt. co. K, 2 inf. | 9 nov. 15 | Glens Falls. |
| Parker, Alexander. | qm. sgt. 8 co. c. a. c. | 21 dec. 15 | New York. |
| Bavter, William W. | pvt. co. C, 7 inf. | 28 jan. 16 | New York. |
| Hedenberg, Frank B. | pvt. co. F 23 inf. | 13 mar. 16 | Brooklyn. |
| May, Martin. | pvt. 2 co. 13 c. d. c. | 1 may 16 | Brooklyn. |
| Howland, Edward A. J. | sgt. co. G 7 inf. | 25 may 16 | New York. |
| Taylor, Frederick N. | 1 sgt. co. K 71 inf. | 25 may 16 | New York. |
| Graham, Thomas. | qm. sgt. co. K 47 inf. | 1 jun. 16 | Brooklyn. |
| Berg, Charles F. | pvt. co. C 7 inf. | 7 jun. 16 | New York. |
| Drake, Arohie T. | sgt. H. corps 74 inf. | 8 jun. 16 | Buffalo. |
| Burton, William H., Jr. | regt. sgt. maj. 10 inf. | 27 jun. 16 | Albany. |
| Hessels, Francis H. | pvt. co. H 10 inf. | 27 jun. 16 | Mt. Vernon. |
| Schick, Henry J. | 1 sgt. co. H 65 inf. | 5 jul. 16 | Buffalo. |
| Donovan, George. | qm. sgt. 12 inf. | 8 jul. 16 | New York. |
| Loughlin, Francis J. | comy. sgt. 12 inf. | 8 jul. 16 | New York. |
| Youngs, George B. | 1 sgt. co. I 71 inf. | 21 jul. 16 | New York. |
| Busse, Courtney. | pvt. 7 inf. | 21 dec. 16 | New York. |
| Hanft, Charles G. | pvt. co. C 7 inf. | 13 feb. 17 | New York. |
| Doyle, George H. | sup. sgt. 71 inf. | 24 mar. 17 | New York. |
| Bajart, Charles N. | color sgt. 12 inf. | 14 apr. 17 | New York. |
| King, Preston L. | mess sgt. co. I 2 inf. | 25 apr. 17 | Whitehall. |
| Dyson, William. | sgt. 12 inf. | 3 may 17 | New York. |
| Morris, Frank A. | qm. sgt. qm. corps. | 11 may 17 | Brooklyn. |
| Potter, Arthur E. | sup. sgt. 1 inf. | 25 may 17 | Binghamton. |
| Butts, Albert. | art. 1 inf. | 25 may 17 | Oneonta. |
| Haffa, Oscar J. | sgt. bug. 3 field arty. | 6 jun. 17 | Buffalo. |
| Le More, Charles W. | qm. corps. | 22 jun. 17 | New York. |

RESERVE OFFICERS

| NAME, GRADE AND DATE OF RANK | To Reserve List | | Residence |
|---|-----------------------------------|------------|--------------------|
| | Organization in which last served | Date | |
| BRIGADIER GENERALS | | | |
| Bridgman, Oliver Benedict, 1 aug. 16. | d. b. 1 brig. | 6 oct. 16 | New York. |
| Butt, McCoskry, 3 mar. 98. | 1 brig. | 1 jul. 01 | New York. |
| Footo, John H., 26 mar. 17. | 2 brig. | 21 jan. 17 | Brooklyn. |
| Hamilton, Henry De Witt, 1 jan. 13. | The a. g. S. N. Y. | 31 dec. 14 | New York. |
| Kemp, F. De Forest, 22 nov. 17. | 3 brig. | 30 apr. 19 | Buffalo. |
| Sherrill, Charles H., 1 sep. 17. | The a. g. S. N. Y. | 1 sep. 17 | New York. |
| Stotesbury, Louis Wm., 1 jan. 17. | The a. g. S. N. Y. | 7 sep. 17 | New York. |
| Turgeon, Newton E., 29 jul. 19. | 4 brig. | 15 sep. 19 | Buffalo. |
| Verbeck, Wm., 1 jun. 10. | The a. g. S. N. Y. | 13 apr. 17 | Buffalo. |
| Wilson, William, 9 jun. 15. | 4 brig. | 1 sep. 17 | Geneva. |
| COLONELS | | | |
| Andrews, James M., 23 oct. 16. | U. S. A. | 6 may 19 | New York. |
| Austin, Eugene Kelly, 12 jul. 98. | 108 inf. | 22 dec. 98 | New York. |
| Babcock, Charles Edward Payne, 8 jun. 14. | 65 inf. | 11 jul. 16 | Buffalo. |
| Beals, Pascal, P., 8 jan. 84. | asst. in dept. of rifle practice. | 24 dec. 91 | Buffalo. |
| Baldwin, Harry D., 23 feb. 20. | 47 inf. | 12 nov. 19 | Brooklyn. |
| Britton, Edward E., 16 may 19. | inf. | 20 may 19 | Brooklyn. |
| Burleigh, George W., 19 sep. 18. | 9 c. d. c. | 2 oct. 19 | New York. |
| Byrne, John J., 15 may 17. | U. S. A. | 17 may 19 | New York. |
| Collins-Stanforth, Frank S., 29 mar. 86. | supn. | 24 dec. 91 | New York. |
| Conley, Louis D., 14 sep. 18. | 69 inf. | 13 sep. 18 | New York. |
| Crall, Howard E., 13 oct. 19. | 7 inf. | 24 may 19 | New York. |
| Crimmins, Thomas, 14 jul. 19. | U. S. A. | 9 may 19 | New York. |
| Davis, Loyal Lensey, 5 jul. 1. | 2 inf. | 1 jul. 15 | Glen Falls. |
| Dauchy, William P., 22 nov. 17. | 2 inf. | 1 may 19 | Troy. |
| Delaney, John T., 20 feb. 18. | U. S. A. | 2 may 19 | New York. |
| Denny, Thomas, 16 jun. 17. | 12 inf. | 21 feb. 19 | New York. |
| Fisk, Willard C., 2 dec. 16. | U. S. | 12 dec. 19 | Jersey City. |
| Garcia, William L., 5 apr. 19. | 14 inf. | 5 apr. 19 | Brooklyn. |
| Grant, Sydney, 21 jun. 16. | U. S. | 12 jul. 19 | Brooklyn. |
| Griffith, William Morton, 14 jan. 97. | asst. chief of arty. | 31 dec. 98 | Jamaica, L. I. |
| Hilton, Albert B., 1 jan. 86. | supn. | 31 dec. 94 | New York. |
| Hines, Frank H., 8 oct. 17. | U. S. A. | 28 may 19 | Brooklyn. |
| Hitchcock, Charles H., 26 apr. 05. | 1 inf. | 3 mar. 19 | Binghamton. |
| Hotchkin, Walter B., (bvt. brig. gen.), 26 apr. 06. | 22 eng. | 23 dec. 14 | New York. |
| Jarvis, James Morgan, 26 jan. 99. | 8 inf. | 10 dec. 06 | New York. |
| Jennings, Edgar S., 29 dec. 15. | inf. | 10 apr. 19 | Auburn. |
| Kavanaugh, George Washington, 24 feb. 96. | asst. qm. gen. | 31 dec. 98 | New York. |
| Kellogg, Frederick Sheffield, 3 jan. 95. | asst. qm. gen. | 31 dec. 98 | Utica. |
| Klein, John F., 1 feb. 11. | 10 inf. | 29 apr. 18 | Flora Park, L. I. |
| LeBoutillier, Wm. Guitton, 3 apr. 06. | chief surg. div. | 28 may 17 | Long Lake. |
| Low, James Thomas, 9 aug. 95. | asst. in o. d. | 31 dec. 98 | Niagara Falls. |
| Luscomb, Charles Harris, 16 may 98. | 13 inf. | 28 nov. 98 | Brooklyn. |
| Moss, Royal Emile, 30 jan. 95. | asst. comy. gen. of sub. | 31 dec. 98 | Red Bank, N. J. |
| O'Grady, James M. E., 25 feb. 98. | asst. a. g. | 31 dec. 98 | Rochester. |
| Rice, William G., 17 feb. 75. | asst. paymaster gen. | 2 mar. 85 | Albany. |
| Rogers, Archibald, 22 nov. 17. | 1st inf. | 20 mar. 19 | Hyde Park. |
| Rogers, Henry Huddleston, 1 jul. 13. | 1 f. a. | 3 may 17 | New York. |
| Smith, Clarence W., 20 dec. 17. | 13 c. d. c. | 13 sep. 19 | Brooklyn. |
| Smith, Howard, 4 dec. 18. | insp. gen. dept. | 2 jan. 19 | New York. |
| Strong, Prentice, 16 may 16. | 1 f. a. | 13 may 19 | New York. |
| Taylor, William A., 26 apr. 18. | U. S. | 11 aug. 19 | Troy. |
| Teets, Sylvannusa, 27 mar. 18. | 8 c. d. c. | 7 aug. 19 | New York. |
| Treadwell, Harry H., 2 nov. 17. | 22 eng. | 1 oct. 19 | New York. |
| Treadwell, George Curtis, 6 oct. 10. | mil. sec. | 9 oct. 16 | Albany. |
| Trevor, Henry Graff, 3 mar. 98. | asst. comy. gen. of sub. | 31 dec. 98 | Southampton, L. I. |
| Wadsworth, Clarence Seymour, 6 may 13. | 12 inf. | 27 sep. 16 | New York. |
| Warren, Charles E., 27 aug. 14. | U. S. | 5 sep. 19 | New York. |
| NATIONAL DEFENSE ACT, JUNE 30, 1916 | | | |
| Chapin, William H., 4 nov. 15. | insp. gen. dept. | 4 may 18 | New York. |
| Dunspough, Merrill Mandville, 9 sep. 09. | 3 brig. | 20 jun. 16 | Hosick Falls. |
| Williams, Chauncey P., 4 may 99. | a. g. dept. | 4 may 18 | Albany. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To RESERVE LIST | | Residence |
|---------------------------------------|-------------------------------------|------------|----------------------|
| | Organisation in which last served | Date | |
| LIEUTENANT COLONELS | | | |
| Alden, George Marshall, 24 feb. 16. | 2 inf. | 18 may 16 | Troy |
| Anderson, Alex. E., 9 mar. 19. | U. S. | 25 jun. 19 | New York. |
| Austin, James E., 20 feb. 19. | U. S. A. | 12 may 19 | New York. |
| Babcock, Edwin G., 29 jul. 18. | 13 c. d. c. | 3 feb. 19 | Brooklyn. |
| Bell, Walter L., 11 sep. 18. | U. S. | 23 jun. 19 | Brooklyn. |
| Brennan, Edward C., 2 jul. 98. | supn. | 10 jan. 99 | Brooklyn. |
| Brooks, Henry Harlow, 7 jul. 16. | d. b. 7 inf. | 28 oct. 16 | New York. |
| Broun, Heywood C., 14 mar. 94. | asst. in dept. of rifle practice. | 31 dec. 98 | New York. |
| Burton, Wingfield G., 12 jan. 80. | supn. | 19 dec. 85 | New York. |
| Eliot, W. G., 18 dec. 18. | 71 inf. | 30 dec. 18 | New York. |
| Colfax, Schuyler, 2 sep. 18. | ord. dept. 3 inf. | 9 dec. 18 | Rochester. |
| Collin, Thomas C., 3 sep. 19. | 2 inf. | 3 sep. 19 | Cohoes. |
| Collis, Lloyd, 14 may 17. | U. S. | 23 jul. 19 | New York. |
| Cookinham, Henry J., 6 apr. 17. | U. S. | 21 nov. 19 | Utica. |
| Culver, John Y., 3 may 80. | eng. 2 div. | 5 aug. 86 | Mt. Kisco. |
| Dean, Frank, 9 jun. 19. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| DeLafield, Edward, 30 sep. 18. | 9 c. d. c. | 8 oct. 19 | New York. |
| Downs, William E., 6 apr. 17. | U. S. | 18 jul. 19 | New York. |
| DeLamater, Walter | U. S. | 2 jul. 19 | Yonkers. |
| Endress, William Fries, 13 apr. 98. | supn. | 31 dec. 98 | New York. |
| Flynn, John, Jr., 11 jul. 98. | asst. chief of eng. | 31 dec. 98 | Troy. |
| Gaus, Louis H., feb. 19. | U. S. | 24 jun. 19 | Albany. |
| Giddings, Emanuel, 22 feb. 19. | m. c., U. S. A. | 19 may 19 | New York. |
| Goldman, Henry J., 28 jun. 16. | U. S. cav. | 28 jun. 16 | Menands. |
| Hamlin, George Francis. | | 7 jun. 17 | St. Louis, Mo. |
| Haubold, Rudolph, 19 feb. 18. | 22 eng. | 11 oct. 19 | New York. |
| Hayte, Edward D., 27 aug. 75. | 17 battn. | 17 dec. 81 | New York. |
| Hegeman, John C., 23 nov. 20. | 8 c. d. c. | 11 jul. 19 | New York. |
| Heilner, George Corson, 12 jul. 98. | 108 inf. | 22 dec. 98 | New York. |
| Hess, Frank Judson, 30 mar. 97. | asst. gen. insp. of rifle practice. | 31 dec. 98 | Rochester. |
| Howard, Edward V. 8 jun. 11. | a. g. dept. | 31 dec. 19 | Brooklyn. |
| Jackson, Alex. M., 10 nov. 17. | 2 inf. | 18 sep. 19 | Schenectady. |
| Kincaid, J. Leslie, 9 sep. 18. | j. adv. gen. dept. | 10 apr. 19 | Syracuse. |
| Kingsbury, Howard T., 2 sep. 18. | adv. gen. dept. | 15 jan. 19 | New York. |
| Lambert, Walter Eyre, 2 apr. 98. | surg. 1 brig. | 1 jul. 01 | New York. |
| Latta, Jefferson B., 6 jun. 19. | U. S. | 8 nov. 19 | Rochester. |
| Mather, Adrian Whitford, 18 feb. 04. | 3 brig. | 1 sep. 09 | Albany. |
| Middleton, Clifford L., 19 apr. 86. | asst. a. g. 4 brig. | 8 aug. 86 | Brooklyn. |
| Moran, James, 12 mar. 88. | 69 inf. | 6 dec. 93 | Brooklyn. |
| Moran, Robert Galloway, 10 jan. 11. | div. hdqrs. | 21 mar. 17 | Brooklyn. |
| Moynahan, Timothy, 22 oct. 18. | U. S. | 27 aug. 19 | New York. |
| Nagle, Percival, 16 nov. 12. | U. S. | 29 jul. 19 | New York. |
| Olmstead, Edward, 9 sep. 18. | U. S. A. | 12 may 19 | New York. |
| Porter, Augustus Drum, 18 nov. 12. | 12 inf. | 25 may 16 | New York. |
| Ranson, Charles Meredith, 25 feb. 02. | 4 brig. | 24 may 17 | Buffalo. |
| Royce, Henry H., 6 jan. 19. | 2 f. a. | 26 feb. 19 | Brooklyn. |
| Sayre, R. H., 2 sep. 18. | squad a., 1 cav. | 1 nov. 18 | New York. |
| Schermerhorn, Arthur F., 1 nov. 98. | 112 inf. | 24 jan. 99 | New York. |
| Shanton, Thomas H., 4 feb. 09. | U. S. | 13 nov. 19 | Pleasantville, N. Y. |
| Sickles, George Stanton, 28 may 97. | supn. | 31 dec. 98 | New York. |
| Simmons, Charles Alonso, 6 jun. 11. | asst. a. g. | 6 jul. 15 | Ithaca. |
| Thiery, Lewis M., 25 may 17. | U. S. | 20 aug. 19 | New York. |
| Toboy, Bennett H. | | 1 aug. 17 | Glen Cove, L. I. |
| Treanor, John Patrick, 15 jun. 12. | asst. A. G. S. N. Y. | | Albany. |
| Wadhams, Robert F., 18 apr. 18. | m. c., U. S. A. | 26 jun. 19 | New York. |
| Weber, Abraham L., 10 dec. 79. | 5 reg. | 17 dec. 81 | New York. |
| Wells, Frederick Adams, 18 sep. 13. | 23 inf. | 29 jul. 16 | Brooklyn. |

NATIONAL DEFENSE ACT, JUNE 30, 1916

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|--------------------------------|---------|------------|-----------|
| Barnes, Walter F., 29 nov. 07. | 2 brig. | 29 dec. 16 | Brooklyn. |
| Garcia, Wm. L., 7 jun. 06. | 14 inf. | 7 apr. 17 | Brooklyn. |

MAJORS

| | | | |
|----------------------------------|--------------|------------|-----------|
| Addison, Matthew G., 16 mar. 16. | U. S. | 13 jun. 19 | Brooklyn. |
| Anderson, Holger, 19 aug. 19. | U. S. | 11 aug. 19 | Scotia. |
| Augustin, George W., 8 may 17. | U. S., m. o. | 14 may 19 | Oneonta. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To RESERVE LIST | | Residence |
|---------------------------------------|-----------------------------------|-------------|--------------------|
| | Organization in which last served | Date | |
| MAJORS — Continued | | | |
| Bagnall, Henry D., 4 feb. 19 | U. S. | 18 oct. 19 | Buffalo. |
| Banks, David, Jr., 1 nov. 98 | 112 inf. | 10 jan. 99 | New York. |
| Banks, Robert Lenox, 17 mar. 86 | 5 brig. | 5 aug. 86 | Albany. |
| Barmon, Daniel W., 30 sep. 18 | Ord. dept. 4 inf. | 26 nov. 19 | Buffalo. |
| Barrows, David N., 8 apr. 18 | med. c., 1 f. a. | 22 oct. 18 | Albion, N. Y. |
| Barry, William C., 15 oct. 17 | 1 cav. | 13 jun. 19 | Rochester. |
| Berry, Joseph Ignatius, 1 jul. 13 | 2 f. a. | 13 jan. 16 | New York. |
| Bigelow, Elliot, Jr., 2 mar. 08 | sig. corps. | 5 sep. 14 | Brooklyn. |
| Bishop, Edwin F., 13 apr. 86 | supn. | 5 aug. 86 | Buffalo. |
| Blair, James A., Jr., 10 aug. 17 | ins. G. dept. N. Y. G. | 30 oct. 17 | New York. |
| Blakelee, Chas. G., 20 feb. 19 | U. S. A. | 14 may 19 | Binghamton. |
| Brown, Herbert P., 10 aug. 85 | supn. | 5 aug. 86 | New York. |
| Brown, Thurber A., 11 dec. 17 | 3 inf. | 16 jun. 19 | Elmira. |
| Bruce, Charles E., 19 oct. 18 | 1 f. a., m. c. | 12 jul. 19 | New York. |
| Bruns, Frederick V., 10 feb. 19 | 3 inf. | 14 jun. 19 | Auburn. |
| Butler, Henry L., 31 mar. 17 | U. S. | 2 oct. 19 | East Orange, N. J. |
| Button, Scott, 5 jul. 16 | U. S. | 2 jun. 19 | Schenectady. |
| Campbell, William Francis, 30 apr. 10 | m. c. | 13 aug. 15 | Brooklyn. |
| Cantline, Peter, 15 sep. 17 | 1 inf. | 19 dec. 19 | Newburgh. |
| Chandler, George Fletcher, 9 jan. 12 | hdqrs. | 7 may 17 | Albany. |
| Charles, William S., 9 jul. 17 | 3 inf. | 22 jan. 18 | Hornell, N. Y. |
| Chemidlin, Emile D., 26 feb. 19 | 2 f. a. | 19 may 19 | Brooklyn. |
| Claiborne, J. Herbert, 26 feb. 18 | m. c. | 11 aug. 19 | New York. |
| Cluett, Walter H., 1 nov. 17 | 5 bat. | 29 aug. 19 | Saranac Lake. |
| Cochran, George G., 25 oct. 92 | 13 inf. | 7 may 98 | Brooklyn. |
| Cochran, John A., 24 may 88 | surg. 13 inf. | 28 nov. 98 | Brooklyn. |
| Collins, George William, 12 jul. 98 | supn. | 24 feb. 99 | New York. |
| Conklin, Charles C., 20 may 74 | supn. | 18 dec. 75 | New York. |
| Cooper, Phillip, 26 aug. 18 | 4 inf., m. c. | 19 jun. 19 | Elmira. |
| Cowdrey, John Jay, 18 may 17 | U. S. | 6 oct. 19 | New York. |
| Crossett, Frederick Melvin, 2 jul. 10 | mil. sec. to governor S. N. Y. | 23 oct. 17 | New York. |
| Dana, Paul, 7 may 83 | o. o. 1 brig. | 9 feb. 98 | Glen Cove, L. I. |
| Dayton, Edwin W., 19 nov. 12 | U. S. | 26 sep. 19 | New York. |
| DeKay, Sidney, 9 apr. 17 | U. S. | 26 jun. 19 | New York. |
| Donnelly, William M., 15 oct. 19 | 2 inf. | 15 sep. 19 | Troy. |
| Dubois, Charles A., 12 mar. 18 | 22 eng. | 23 oct. 19 | New York. |
| Duffy, John Edward, 7 jun. 04 | 69 inf. | 2 may 16 | New York. |
| Dyer, Lorenzo D., 4 dec. 17 | 6 bat. | 25 mar. 19 | East Hampton. |
| Dyett, Albert Henry, 2 may 07 | 22 c. of e. | 21 apr. 15 | New York. |
| Eagle, Clarence H. | | 28 may 17 | New York. |
| Edwards, Robert, Jr., 19 sep. 99 | 8 inf. | 10 dec. 06 | New Rochelle. |
| Egan, Raphael A., 5 nov. 18 | U. S. | 24 jul. 19 | Newburgh. |
| Egleston, Nathaniel, 9 nov. 18 | U. S. | 21 jun. 19 | New York. |
| Ellsworth, Arthur T., 4 apr. 19 | insp. gen. dept. | 13 may 19 | New York. |
| Enos, Frank M., 6 oct. 17 | 3 inf., d. b. | 7 feb. 18 | Rochester. |
| Erlandson, Oscar, 28 feb. 08 | sig. corps. | 5 sep. 14 | Jamaica. |
| Fancher, Louis Delton, 14 jun. 17 | hdqrs. | 5 oct. 17 | New York. |
| Fleming, Thomas Robertson, 26 may 09 | asst. to chief c. a. | 1 sep. 14 | Brooklyn. |
| Foley, Frank J., 6 sep. 17 | g. m. c. | 10 jan. 19 | New York. |
| Franchot, Charles P., 23 may 19 | U. S. | 15 nov. 19 | Buffalo. |
| French, Amos, 3 dec. 18 | 13 c. d. c. | 31 dec. 18 | New York. |
| Garrison, Harvey, 5 sep. 16 | U. S. A. | 15 may 19 | New York. |
| Gaylord, Melvin S., 10 may 18 | 3 inf. | 19 aug. 19 | Geneva. |
| Gerard, James Watson, Jr., 31 may 00 | 1 brig. | 1 jul. 01 | New York. |
| Gould, Edwin, 28 feb. 18 | ord. dept. | 13 may 19 | New York. |
| Green, L. M., 8 sep. 17 | mil. train. com. | 8 sep. 17 | New York. |
| Guggenheim, Robert, 26 sep. 18 | U. S. | 16 aug. 19 | New York. |
| Hart, Stephen F., 24 may 98 | 22 regt. | 25 aug. 15 | New York. |
| Hayes, James P., 20 nov. 17 | 8th c. d. c. | 26 sept. 19 | New York City. |
| Hicks, Horace Madison, 17 feb. 10 | m. c. | 3 may 17 | Amsterdam. |
| Hinman, Eugene Eunson, 28 dec. 10 | m. c. 10 inf. | 18 jun. 17 | Albany. |
| Hogan, Daniel John, 24 may 13 | 2 inf. | 8 may 16 | Glens Falls. |
| Honey, Saunders T., 4 oct. 98 | 108 regt. | 22 Dec. 98 | |
| Hoppin, Francis L., 18 mar. 12 | a. g. dept. 1 brig. | 24 oct. 18 | New York. |
| Hotchkiss, Henry Thomas, feb. 28 | mai. 71 N. Y. | 16 dec. 15 | New York. |
| Howard, William N., 13 oct. 18 | U. S. | 15 dec. 19 | Mamaroneck, N. Y. |
| Hubbard, Francis G., 27 nov. 18 | 1 f. a. | 22 mar. 19 | New York. |
| Johnson, George H., 30 jul. 18 | U. S. | 15 may 19 | New York. |
| Johnson, Reginald H., 23 may 18 | 8 c. d. c. | 11 jul. 19 | New York. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To RESERVE LIST | | Residence |
|--|-------------------------------------|------------|--------------------|
| | Organization in which last served | Date | |
| MAJORS—Continued | | | |
| Jung, Edward L., 10 oct. 17..... | j. a. g. dept..... | 28 nov. 19 | Buffalo. |
| Keck, Frank, 16 dec. 15..... | 47 inf..... | 12 July 17 | Brooklyn. |
| Keech, Frank Brown, 28 mar. 98..... | 1 brig..... | 1 jul. 01 | New York. |
| Kemp, George Henry, 14 apr. 09..... | 13 c. d. c..... | 2 jul. 15 | Brooklyn. |
| Kendall, Chas. A., 1 jun. 18..... | 74th inf..... | 17 nov. 19 | Buffalo. |
| Koch, Joseph, 27 oct. 79..... | 2 brig..... | 6 sep. 80 | Brooklyn. |
| Koop, Louis, 1 may 19..... | U. S. A..... | 20 may 19 | New York. |
| Landon, Henry H., 3 jun. 98..... | 171 inf..... | 3 jan. 99 | New York. |
| Lawyer, George, 28 feb. 01..... | 3 b..... | 4 may 18 | Albany. |
| Leech, Robinson, 27 mar. 18..... | 1 f. a..... | 14 jun. 19 | New York. |
| Livingston, Philip, 22 mar. 19..... | i. g. dept..... | 2 apr. 19 | New York. |
| Loeb, Carl H..... | cav..... | 10 apr. 19 | Rochester. |
| Luckey, R. Livingston (bvt. lt. col.), 8 sep. 75..... | insp. 7 brig..... | 17 dec. 81 | New York. |
| Lynn, Charles W., 4 apr. 17..... | u. s. a., m. c..... | 24 may 19 | New York. |
| MacGrotty, Edward F., 20 mar. 10..... | 22 eng..... | 22 dec. 14 | Glen Rock, N. J. |
| Macumber, John L., 18 jun. 97..... | 14 inf..... | 10 apr. 15 | Brooklyn. |
| Mahon, George F., 26 oct. 17..... | 22 eng..... | 23 oct. 19 | New York. |
| Maxfield, Traverse Roche, 21 jun. 98..... | surg. 114 inf..... | 10 dec. 98 | Brooklyn. |
| Maset, Robert, 1 jul. 15..... | U. S..... | 8 nov. 19 | Brooklyn. |
| Merrill, Samuel H., 19 feb. 19..... | U. S..... | 8 may 19 | Geneva. |
| Meyer, Edward John, 9 sep. 98..... | surg. 165 regt..... | 22 dec. 98 | Buffalo. |
| Miller, Mills, 4 oct. 12..... | U. S..... | 5 may 19 | New York. |
| Mitchell, Alfred A..... | U. S., q. m. c..... | 29 apr. 19 | Richmond Hill. |
| Monis, Raymond T., 18 feb. 19..... | U. S..... | 12 aug. 19 | Brooklyn. |
| Moore, John Stanley, 1 jan. 15..... | mil. sec. to governor..... | 10 apr. 17 | Syracuse. |
| Murray, Francis Wisner, 11 feb. 85..... | surg. 1 brig..... | 5 aug. 86 | New York. |
| Neff, Lewis Knobe, 16 mar. 98..... | surg. 8 inf..... | 10 dec. 06 | New York. |
| Nugent, Charles F., 25 apr. 18..... | 1 co. batt..... | 6 dec. 18 | New York. |
| Ormsby, Elmer H., 29 oct. 19..... | U. S. m. c..... | 30 sep. 19 | Amsterdam. |
| O'Rourke, John Francis, 9 aug. 09..... | asst. to chief c. a..... | 19 may 14 | New York. |
| Papen, George W., Jr., 1 may 19..... | U. S. m. c..... | 7 nov. 19 | Albany. |
| Parsons, Herbert, 8 apr. 98..... | j. a. 1 brig..... | 1 jul. 01 | New York. |
| Perrine, Howland D., 8 may 86..... | chief sig. off. 2 div..... | 5 aug. 86 | New York. |
| Peterson, Fred A., 19 feb. 19..... | U. S..... | 12 may 19 | New York. |
| Pilcher, Edward S., 22 aug. 19..... | a. g. o..... | 20 oct. 19 | Caldwell, N. J. |
| Porter, Walter B., 5 apr. 13..... | U. S..... | 2 oct. 19 | Bound Brook, N. J. |
| Read, Harmon Pumpelly, 1 mar. 86..... | insp. of rifle practice 2 brig..... | 5 aug. 86 | Albany. |
| Reed, Latham Gallup, 7 jul. 16..... | | 12 dec. 17 | New York. |
| Ringer, Frederick C., 28 jun. 16..... | q. m. c..... | 31 mar. 17 | New Jersey. |
| Roberts, Winifred H., 26 may 09..... | c. a. c..... | 1 sep. 14 | Brooklyn. |
| Robinson, Ernest F., 30, jul. 18..... | U. S..... | 27 oct. 19 | New York. |
| Robinson, William H., 15 feb. 18..... | 14 inf..... | 10 dec. 18 | Elmhurst. |
| Rodgers, George Washington, 17 apr. 08..... | 13 c. d. c..... | 1 sep. 14 | Brooklyn. |
| Roeschler, John L., 24 mar. 19..... | 13 c. d. c..... | 21 jun. 19 | Brooklyn. |
| Romaine, Washington Tyson, 22 jan. 00..... | insp. 1 brig..... | 1 jul. 01 | New York. |
| Ross, William A., 19 feb. 19..... | U. S..... | 8 may 19 | New York. |
| Sanford, Henry Gansevoort, 2 jul. 13..... | 1 brig..... | 1 may 14 | Poughkeepsie. |
| Schermerhorn, Edward Gibert, 24 jan. 99..... | military secretary to gov..... | 18 oct. 13 | New York. |
| (Restored to supernumerary list by act of Legislature as of Oct. 18, 1913) | | | |
| Schenck, Gilbert V., 3 feb. 17..... | U. S..... | 13 nov. 19 | Albany. |
| Schieffelin, Schuyler, 11 mar. 98..... | i. s. a. p. and o. o. 1 brig..... | 1 jul. 01 | New York. |
| Schlereth, William John, 14 oct. 98..... | 169 reg..... | 24 feb. 99 | New York. |
| Sears, Frank W., 15 mar. 18..... | U. S. m. c..... | 18 aug. 19 | Binghamton. |
| Seymour, Lewis, 27 mar. 17..... | 1 inf..... | 12 apr. 18 | Binghamton. |
| Sheehan, James H., 15 apr. 16..... | 1 inf..... | 14 jun. 18 | Newburgh. |
| Sherwood, William D., 17 apr. 18..... | 8 c. d. c., m. c..... | 15 dec. 19 | New York. |
| Shinn, Charles P., 20 feb. 18..... | 13 c. d. c..... | 10 sep. 19 | Brooklyn. |
| Sidman, Frank Elliot, 5 jan. 17..... | 69 inf..... | 10 dec. 17 | New York. |
| Slee, Arthur W., 21 jul. 16..... | U. S..... | 22 may 19 | Brooklyn. |
| Sniffen, Elisha, 31 jul. 19..... | 12 inf..... | 9 aug. 19 | New York. |
| Snyder, Edward Havemeyer, 5 nov. 08..... | 47 inf..... | 19 jun. 15 | Brooklyn. |
| Staats, Charles Bleeker, 13 sep. 06..... | 10 inf..... | 23 jun. 16 | Albany. |
| Steers, Alfred E., 22 dec. 04..... | 2 brig..... | 4 may 18 | Brooklyn. |
| Stonehouse, John B., 24 jul. 16..... | | 24 jul. 16 | Albany. |
| Strevell, Clarence, 6 mar. 30..... | 10 inf..... | 19 jul. 15 | Albany. |
| Templeton, Richard H., 1 apr. 12..... | 74 inf..... | 20 oct. 15 | Buffalo. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|------------|------------------|
| | Organisation in which last served | Date | |
| MAJORS—Continued | | | |
| Thompson, Hobart Warren, 20 dec. 88. | qm. 3 brig. | 16 jan. 91 | Troy. |
| Thompson, John S., 13 oct. 18. | U. S. | 9 May 19 | Medina. |
| Tieck, Gustav, J. E., 23 nov. 17. | 22 eng. m. c. | 10 oct. 19 | New York. |
| Towner, Albert N., 23 aug. 18. | U. S. | 13 jun. 19 | Towners. |
| Treanor, John P. | a. g. dept. | 13 aug. 18 | Albany. |
| Trimble, Louis C., 22 jan. 18. | ord. dept. | 31 jan. 19 | New York. |
| Walbridge, Charles Eliphaet, Jr., 5 June 13. | 4 brig. | 29 may 16 | Buffalo. |
| Waterbury, Fred M., 13 nov. 19. | U. S. | 8 nov. 19 | New York. |
| Webb, Francis Egerton, 14 nov. 85. | insp. 1 brig. | 5 aug. 86 | New York. |
| Weeks, Frederick E., 7 feb. 18. | 8 c. d. c. | 3 dec. 19 | White Plains. |
| Wenige, Arthur E., 8 sep. 17. | U. S. | 11 jun. 19 | Woodhaven, L. I. |
| Weston, Albert Theodore, 9 jun. 13. | med. corps. | 8 jul. 14 | New York. |
| Wheaton, Van B., 16 Apr. 18. | 2 inf. | 19 jun. 19 | Amsterdam. |
| Wheelock, William F., 22, jan. 18. | U. S. | 18 aug. 19 | Albany. |
| Whitney, Alfred Rutgers, jr., 16 aug. 16 | d. b. 1 brig. | 6 oct. 16 | New York. |
| Winterrott, Emil J., 16 jun. 17. | 9 c. d. c. | 28 feb. 18 | New York. |
| Wood, John Henry, 3 aug. 98. | 109 inf. | 22 dec. 98 | New York. |
| Wright William R., 28 Jan. 12. | U. S. | 28 may 19 | Summit, N. J. |
| Wylie, Charles, 23 nov. 11. | 9 c. d. c. | 25 aug. 15 | New York. |
| Vaught, Edley J., 18 dec. 18. | California n. g. | | Albany. |

NATIONAL DEFENSE ACT, JUNE 30, 1916

| | | | |
|--|------------------------------|------------|------------------|
| MAJORS | | | |
| Bird, Harrison K., 24 dec. 12. | 1 brig. 2 div. | 4 May 18 | New York. |
| Carlin, Walter J., 24 feb. 18. | insp. g. dept. | 27 feb. 19 | Brooklyn. |
| Carlson, Oscar, 14 apr. 19. | inf. n. g. r. | 16 apr. 19 | Brooklyn. |
| Cluett, Sanford Lockwood, 26 dec. 08. | 3 brig. | 4 Jul. 16 | Hoosick Falls. |
| Crall, Howard E., 13 May 19. | inf. n. g. r. | 14 May 19 | New York. |
| DeBevoise, Cornelius S., 14 apr. 19. | oav. | 17 mar. 19 | Brooklyn. |
| Denison, Alfred Edgar, 24 mar. 14. | 10 inf. | 23 sep. 16 | Albany. |
| Dye, Daniel C., 8 jun. 07. | 1 inf. | 23 apr. 17 | Utica. |
| Fairchild, John F., 18 feb. 20. | eng. | 29 sep. 19 | Mt. Vernon. |
| Farquharson, James H., 2 May 11. | 4 brig. | 31 mar. 17 | Ransomville. |
| Froment, Eugene M., 22 apr. 19. | inf. | 23 apr. 19 | New York. |
| Gilbert, Newton, 13 aug. 17. | j. a. g. dept. | 4 May 19 | New York. |
| Glover, Ralph, 20 mar. 14. | inf. | 14 Jul. 19 | White Plains. |
| Jennings, John D., 14 apr. 19. | inf. | 19 apr. 19 | Brooklyn. |
| Lilly, John J., 21 feb. 19. | j. a. g. dept. | 27 feb. 19 | New York. |
| Martin, Arthur L., 14 mar. 19. | inf. | 15 mar. 19 | Brooklyn. |
| Roberts, Carroll Julian, 8 apr. 13. | 65 inf. m. c. | 16 jun. 16 | Buffalo. |
| Schoen, Stanislaus, 14 mar. 19. | inf. | 17 mar. 19 | Buffalo. |
| Van Benthuyssen, Chas. F., 24 feb. 94. | 10 inf. | 16 dec. 18 | Albany. |
| Warnick, Spencer K., 31 Jul. 17. | j. a. g. d. | 4 May 18 | Amsterdam. |
| Whitley, Frederick, 12 mar. 19. | eng. | 13 mar. 19 | Brooklyn. |
| Wonderly, Elbert, 12 mar. 19. | inf. | 13 mar. 19 | Brooklyn. |
| CAPTAINS | | | |
| Abner, Daniel G., 2 May 17. | U. S. | 8 dec. 19 | Brooklyn. |
| Acheson, Arthur M., 19 feb. 19. | 1 f. a. | 27 oct. 19 | New York. |
| Adams, Edgar Hiram, 21 sep. 06. | 13 c. a. c. | 27 sep. 17 | Brooklyn. |
| Adams, John S., 30 Jan. 18. | 5 bat. | 29 sep. 19 | Malone, N. Y. |
| Adrianse, I. Reynolds, 11 feb. 75. | a. d. c. 8 brig. 5 div. | 17 dec. 81 | Poughkeepsie. |
| Alford, Thos. K., 4 dec. 17. | 14 inf. | 3 feb. 19 | Brooklyn. |
| Allen, Atkinson, 17 dec. 17. | 1 cav. | 1 Jul. 19 | Rochester. |
| Allen, Henry Raymond, 5 aug. 12. | 1 cav. | 22 sep. 14 | Rochester. |
| Anderson, John A., 9 mar. 96. | 13 inf. | 7 May 98 | Brooklyn. |
| Angus, James Sanford, 10 jun. 08. | 47 inf. | 19 oct. 17 | Brooklyn. |
| Anhalt, Abraham, 21 Jul. 81. | 5 regt. | 17 dec. 81 | New York. |
| Annette, Walter Magee, 8 jun. 98. | | | New York. |
| Arbogast, Joseph Charles, 18 sep. 06. | 65 inf. | 18 Jul. 16 | Williamsville. |
| Archer, William James, 26 Jul. 98. | 165 inf. | 22 dec. 98 | Buffalo. |
| Baker, Floyd Eugene, 15 sep. 98. | 169 inf. | 24 Sep. 99 | New York. |
| Baker, Guy Ellis, 1 sep. 85. | 5 brig. | 5 Aug. 86 | Ballston Lake. |
| Baldwin, James A., 30 Jan. 18. | 5 bat. | 11 sep. 18 | St. Regis Falls. |
| Baldwin, Ralph L., 20 Oct. 17. | 1 inf. | 19 nov. 19 | Nyack. |
| Bangs, Bleecker, 12 July 87. | 23 inf. | 20 Jan. 19 | Brooklyn. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|-------------|----------------|
| | Organization in which last served | Date | |
| CAPTAINS—Continued | | | |
| Banister, Judson L., 17 dec. 17. | 6 bat. | 25 mar. 19 | East Hampton. |
| Barbour, Percy Elmer, 16 may 17. | 22 eng. | 23 may 17 | Albany. |
| Barron, Hugh James, 30 apr. 98. | 69 inf. | 5 may 99 | New York. |
| Bartholomaei, Albert S., 19 jul. 98. | 108 reg. | 22 dec. 98 | New York. |
| Bastow, Elwood T., 10 jul. 17. | 2 inf. | 13 may 19 | Hoosick Falls. |
| Bates, Thomas T., 21 may 18. | sq. A. | 4 jun. 19 | New York. |
| Barter, Malcolm, Jr., 8 may 06. | i. s. a. p. 8 inf. | 10 dec. 06 | New York. |
| Bedford, Henry E., 14 nov. 19. | 23 inf. | 11 dec. 19 | Brooklyn. |
| Bell, James A. | c. of en. | 11 sep. 16 | Richmond Hill |
| Bentley, William K., 19 apr. 18. | 3 inf. | 29 aug. 19 | Pulaski. |
| Bernardi, Peter, 3 jun. 98. | 136 sep. co. | 10 dec. 98 | Schenectady. |
| Berning, Henry R., 4 dec. 18. | 22 eng. | 17 nov. 19 | New York. |
| Beverly, George C., 26 dec. 17. | 2 inf. | 25 mar. 19 | Whitehall. |
| Bishop, George W., 30 dec. 12. | a. g. o. S. N. Y. | 25 may 15 | New York. |
| Bixby, Ambrose S. | | 5 jun. 17 | New York. |
| Blackburn, John T. D., 12 jul. 17. | 10 inf. | 11 oct. 17 | Albany. |
| Blea, Chas. D., 13 mar. 18. | U. S. | 3 jun. 19 | New York. |
| Hobb, Clarence, 7 feb. 18. | U. S. | 13 nov. 19 | New York. |
| Bohana, John N. | | 1 apr. 18 | New York. |
| Borror, William D., 24 aug. 18. | U. S. | 5 jun. 19 | Glen Falls. |
| Bougham, Ben Austin, 4 feb. 15. | 14 inf. | 28 apr. 16 | Brooklyn. |
| Bourne, Phillip, 8 jan. 18. | m. c. 65 inf. | 29 aug. 19 | Salamanca. |
| Bourne, George L., 1899. | | 15 jul. 16 | New York. |
| Bovard, Martin, 23 jul. 98. | 203 inf. | 8 feb. 18 | Ogdensburg. |
| Boyle, John, Jr., 28 dec. 09. | 71 inf. | 3 jul. 15 | New York. |
| Bragg, Henry T. | | 21 jun. 17 | New York. |
| Branch, Clifford, 9 nov. 14. | U. S. | 22 aug. 19 | Buffalo. |
| Brandyce, Henry D., 4 dec. 18. | 8 c. d. c. | 26 sep. 19 | New York. |
| Brennan, Lennox C., 17 sep. 18. | U. S. | 14 nov. 19 | Brooklyn. |
| Brennan, York, 19 feb. 19. | U. S. | 15 nov. 19 | Brooklyn. |
| Broadbent, Alfred, 7 aug. 17. | 10 inf. | 3 feb. 19 | Utica. |
| Broak, John Mortimer, 9 may 98. | 47 inf. | 16 may 99 | Brooklyn. |
| Brodie, Orrin L., 11 dec. 17. | 9 c. a. c. | 26 mar. 18 | Staten Island. |
| Broome, George C., 14 apr. 17. | 10 inf. | 21 dec. 18 | Albany. |
| Brotheridge, Herbert J., 26 jul. 18. | U. S. | 25 jun. 19 | Brooklyn. |
| Brown, Wayne R., 17 jul. 19. | 2 inf. | 13 jun. 19 | Schenectady. |
| Brown, Walter, 17 nov. 19. | 22 eng. | 17 nov. 19 | New York. |
| Brownell, Anson, 20 dec. 17. | 6 bat. | 25 mar. 19 | Salamanca. |
| Buckheim, William, 31 jul. 16. | 10 inf. | 10 may 17 | Albany. |
| Burdge, Harrie, 20 nov. 17. | U. S. | 5 nov. 19 | New York. |
| Burns, Peter E., 14 nov. 18. | U. S. | 4 jun. 19 | New York. |
| Burnton, Maurice Evans, 18 oct. 98. | i. s. a. p. 122 inf. | 17 dec. 98 | New York. |
| Burrows, Lynn M., 24 jan. 19. | 74 inf. | 29 aug. 19 | Olean. |
| Butcher, George C. | | 22 sep. 17 | New York. |
| Byars, Robert, 10 nov. 03. | 71 inf. | 10 may 17 | New York. |
| Byers, John M., 27 jul. 18. | 71 inf. | 2 dec. 19 | New York. |
| Byron, John J., 28 feb. 15. | U. S. | 10 oct. 19 | Brooklyn. |
| Cadotte, Damase, 1 oct. 17. | U. S. | 6 may 19 | Buffalo. |
| Callahan, John J., Jr., 18 nov. 79. | 65 inf. | 24 jan. 83 | Buffalo. |
| Callaway, James, 25 oct. 17. | 3 inf. | 29 sept. 19 | Ogdensburg. |
| Carmody, Michael F., 20 aug. 15. | 11 sep. co. | 20 aug. 15 | New York. |
| Cartwright, Chas., 28 feb. 18. | 1 f. a. | 3 feb. 19 | New York. |
| Chapin, Charles Pierson, 26 July 98. | 165 inf. | 22 dec. 98 | Buffalo. |
| Chapin, Henry E. | | 2 jun. 17 | New York. |
| Chase, Arthur, 26 sep. 18. | U. S. | 20 oct. 19 | New York. |
| Chase, George, 28 mar. 13. | U. S. | 10 jun. 19 | Brooklyn. |
| Chilton, William Wiltshire, 6 jun. 98. | 171 inf. | 3 jan. 99 | New York. |
| Clark, Clayton, 4 dec. 18. | 2 inf. | 10 sep. 19 | Albany. |
| Clark, Frith D., 13 aug. 19. | U. S. | 15 aug. 19 | New York. |
| Clark, William N. G., 8 jun. 98. | 169 inf. | 24 feb. 99 | New York. |
| Cleary, Chas. B., 20 feb. 19. | 10 inf. | 1 dec. 19 | Utica. |
| Cleland, James W. S. | 12 inf. | 12 sep. 17 | New York. |
| Clinton, Jacob S., 29 apr. 15. | U. S. | 2 jun. 19 | Schenectady. |
| Coan, C. Arthur, 27 sep. 15. | 23 inf. | 27 sep. 15 | South Nyack. |
| Coates, William Benjamin, 1 may 06. | 10 inf. | 17 may 10 | Albany. |
| Coffey, John A., 11 oct. 17. | 10 inf. | 22 sep. 19 | Albany. |
| Collins, Charles H., 6 feb. 88. | 11 reg. | 14 jan. 89 | New York. |
| Collins, William S., 24 jun. 16. | co. H., 7 inf. | 4 oct. 18 | Yonkers. |
| Congdon, Herbert, 2 jan. 18. | 23 inf. | 16 dec. 19 | New York. |
| Cooke, James H., 22 aug. 17. | U. S. | 21 oct. 19 | New York. |
| Coolidge, H. King., 28 aug. 18. | 9 c. d. c. | 2 jul. 19 | New York. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|------------|-------------------|
| | Organisation in which last served | Date | |
| CAPTAINS — Continued | | | |
| Corwin, George Wood, 2 dec. 02 | 71 inf. | 1 may 14 | New York. |
| Coster, William Bay, 9 jul. 96 | 1 brig. | 9 feb. 98 | New York. |
| Cowen, George William, 21 may 98 | regt. qm. 13 inf. | 28 nov. 98 | So. Orange, N. J. |
| Crooby, Maunsell S., 7 jun. 17 | U. S. | 2 dec. 19 | Rhinecliff. |
| Cruse, Geo. E., 28 aug. 18 | 9 c. d. c. | 22 oct. 18 | New York. |
| Cruikshank, Barton, 10 may 04 | 8 c. d. c. | 19 jan. 16 | Brooklyn. |
| Daley, George W., 17 mar. 19 | U. S. | 22 oct. 19 | Auburn. |
| Daly, Robert Joseph, 26 may 02 | 22 corps of engs. | 23 dec. 14 | New York. |
| Dalmasse, Elodor P., 23 nov. 17 | 47 inf. | 20 jun. 19 | Brooklyn. |
| Dalsell, Hugh, 26 mar. 18 | 22 eng. | 11 oct. 19 | Brooklyn. |
| Davidson, Harold A., 26 jul. 15 | 23 inf. | 26 jul. 15 | New York. |
| Davis, Fellows Jr., 6 feb. 18 | 7 inf. m. c. | 16 apr. 19 | New York. |
| Davis, Harrie, 5 sep. 17 | 8 arty. dist. | 13 aug. 18 | New York. |
| Davis, Walter V., 9 jul. 19 | 8 c. d. c. | 12 sep. 19 | New York. |
| Deal, F. Augustus, 13 jan. 19 | 22 eng. m. c. | 24 dec. 19 | New York. |
| Dean, William I., 14 jul. 17 | 3 inf. | 13 jun. 19 | Rochester. |
| De Angelis, Charles L., 16 aug. 16 | 1 cav. | 3 aug. 17 | New York. |
| Decker, Percy W., 18 jun. 09 | 10 inf. | 12 jun. 18 | Catskill. |
| DeGarmo, Leon B., 27 jun. 16 | 14 inf. | 16 aug. 17 | New Mexico. |
| Deevy, Nicholas Alphonsus Thomas, 24 sep. 09 | 22 engs. | 17 jan. 11 | New York. |
| Delaney, Henry A., 19 feb. 19 | U. S. A. | 14 may 19 | New York. |
| DeMelt, W. Eugene, 29 jul. 18 | 4 inf. | 7 may 19 | Penn Yan. |
| Demar, Harry L., 18 nov. 92 | 9 inf. | 14 dec. 15 | New York. |
| Dieges, Chas. J., 3 mar. 08 | U. S. A. | 24 oct. 19 | New York. |
| Dienet, Herbert, 10 aug. 16 | 2 f. a. | 6 jun. 19 | New York. |
| Dillon, Edward W., 6 mar. 06 | U. S. A. | 13 nov. 19 | Brooklyn. |
| Dineen, Edward J., 20 jul. 17 | 3 inf. | 8 oct. 19 | Ogdensburg. |
| Doehler, Herman U., 9 nov. 18 | 74 inf. | 29 aug. 19 | N. Tonawanda. |
| Donohue, Alphonsus J., 19 nov. 18 | 69 inf. | 12 sep. 19 | New York. |
| Doorty, John Simpson, 11 jul. 16 | 3 f. a. | 11 may 17 | Buffalo. |
| Dowdney, Daniel J. | | 29 jun. 17 | New York. |
| Dressel, John August Henry, 28 feb. 98 | 13 inf. | 7 may 98 | Brooklyn. |
| Dudley, James Blas, 9 jun. 98 | 171 reg. | 27 jul. 98 | New York. |
| Duffy, Henry A., 20 jun. 18 | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Duke, Chas. M., 20 feb. 18 | 4 inf. | 11 nov. 19 | Wellsville. |
| Dunderdale, Forbes, 16 jan. 18 | a. g. d. | 15 feb. 19 | Brooklyn. |
| Dunne, William J., 16 may 99 | 3 bn. | 9 sep. 18 | Oswego. |
| Dunne, William J., 3 dec. 18 | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Dunsbaugh, George R., 3 nov. 18 | U. S. A. | 6 sep. 19 | Brooklyn. |
| Durney, John F., 28 dec. 17 | U. S. | 14 oct. 19 | Brooklyn. |
| Dutcher, Chas. P., 6 feb. 19 | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Dusenbury, George, 14 jan. 10 | 47 inf. | 13 jul. 16 | Brooklyn. |
| Dwyer, John Michael, 25 jan. 01 | 69 inf. | 28 sep. 17 | New York. |
| Dyer, Henry E., 17 dec. 17 | 6 btn. | 25 mar. 19 | East Hampton. |
| Eckersall, Albert B., 26 aug. 18 | m. c. 8 c. d. c. | 21 nov. 19 | New York. |
| Egan, James P., 27 mar. 18 | 1 f. a. | 22 mar. 19 | New York. |
| Eldred, Hubert W., 14 jan. 14 | 47 inf. | 4 apr. 18 | New York. |
| Elliott, George, 21 apr. 17 | U. S. | 15 may 19 | Syracuse. |
| Ellison, Francis Joseph, 1 jul. 98 | 165 reg. | 22 dec. 98 | Buffalo. |
| Elwood, Harry Cornelius, 18 dec. | 74 inf. | 14 nov. 17 | Buffalo. |
| Erikson, Alfred J., 1 may 98 | 65 inf. | 25 oct. 99 | Philadelphia, Pa. |
| Eximer, Maurice, 24 feb. 19 | U. S. | 13 aug. 19 | New York. |
| Fahys, George, 30 sep. 19 | 1 f. a. | 14 jul. 19 | New York. |
| Fargo, James C., 28 apr. 17 | U. S. | 6 sep. 19 | New York. |
| Fearn, William R., 19 apr. 04 | 71 inf. | 26 apr. 18 | New York. |
| Ferguson, Ural A., 30 apr. 98 | 1 inf. | 9 jun. 17 | Oneonta. |
| Ferguson, William H., 16 apr. 12 | U. S. | 18 sep. 19 | Albany. |
| Finlay, John J., 5 sep. 17 | 9 c. d. c. | 28 feb. 18 | New York. |
| Firth, William D., 24 feb. 18 | 71 inf. | 18 apr. 19 | New York. |
| Fish, William Louis, 5 may 98 | 47 inf. | 16 may 91 | New York. |
| Fisher, Geo. G., 21 mar. 18 | 3 f. a. | 11 oct. 18 | Brooklyn. |
| Fisher, Samuel P., 24 mar. 94 | 71 inf. | 7 jun. 17 | Brooklyn. |
| Fitzgerald, Albion J., 15 jul. 18 | U. S. m. c. | 21 oct. 19 | New York. |
| Force, Malcolm W., 26 mar. 18 | U. S. | 17 dec. 11 | New York. |
| Ford, John, 12 sep. 00 | com. sub. | 6 dec. 15 | New York. |
| Ford, Arthur O., 4 jun. 18 | 9 c. a. c. | 12 nov. 18 | New York. |
| Fornachon, Joseph Louis, 6 jun. 98 | 108 inf. | 22 dec. 98 | Newark, N. J. |
| Francis, Lloyd West, 3 jun. 97 | 171 inf. | 3 jan. 99 | Brooklyn. |
| Fraser, James Stanley, 28 feb. 13 | c. a. c. | 2 feb. 15 | New York. |
| French, George Lew, 10 may 98 | 106 sep. co. | 10 dec. 98 | Troy. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|---------------------------------------|------------|----------------------|
| | Organization in which last served | Date | |
| CAPTAINS—Continued | | | |
| Gallagher, Harry P., 19 nov. 18..... | 9 c. d. c..... | 27 feb. 19 | New York. |
| Gastin, Edward P., 25 nov. 18..... | 1 brig..... | 30 dec. 18 | |
| Gerner, Joseph H., 12 may 85..... | 24 sep. co..... | 14 mar. 19 | Lowville. |
| Gette, John O., 23 may 18..... | 1 f. a..... | 12 jul. 19 | New York. |
| Gibson, Kasson C., 6 sep. 86..... | insp. of rifle practice 9 inf..... | 3 jan. 90 | New York. |
| Gilkes, Arthur B., 4 dec. 18..... | 1 f. a..... | 2 jul. 19 | New York. |
| Gomes, Vincent, 9 may 98..... | 112 reg..... | 24 jan. 99 | New York. |
| Gorman, Lawrence J., 22 sep. 18..... | U. S..... | 25 aug. 19 | New York. |
| Graves, Henry B., 3 jun. 98..... | 3 inf..... | 16 oct. 18 | Geneva. |
| Grandy, Harvey Loomis, 15 mar. 16..... | 65 inf..... | 11 jul. 16 | Buffalo. |
| Grant, Gordon H..... | U. S..... | 11 jul. 19 | New York. |
| Gray, William, 14 jan. 10..... | 8 c. d. c..... | 14 dec. 17 | New York. |
| Green, Bion L., 5 aug. 19..... | 3 inf..... | 13 nov. 19 | Watertown. |
| Green, Griswold, 21 jan. 08..... | 3 brig..... | 8 may 17 | Troy. |
| Greene, Frederic Spier, 25 nov. 10..... | 23 inf..... | 9 may 17 | New York. |
| Gridley, Abraham, 3 jul. 85..... | 1 sep. cl..... | 3 jan. 90 | Penn Yan. |
| Grout, Paul, 9 feb. 05..... | sq. c..... | 12 apr. 16 | New York. |
| Gruenthal, Anthony..... | U. S..... | 22 sep. 19 | Jamaica. |
| Guise, Jos. B., 7 feb. 18..... | 14 inf..... | 30 sep. 19 | Brooklyn. |
| Guise, Philip, 25 feb. 11..... | 14 inf..... | 25 jul. 16 | Brooklyn. |
| Hacker, Adam, 1 apr. 80..... | 25 regt..... | 12 feb. 81 | Albany. |
| Hackley, Alexander Strachan, 14 may 08..... | 23 inf..... | 6 July 16 | Brooklyn. |
| Hamblen, Arthur J., 23 aug. 15..... | 9 c. d. c..... | 23 aug. 15 | New York. |
| Hamilton Arthur McWhinney, 19 jul. 18..... | asst. surg. 114 inf..... | 10 dec. 98 | Denver, Colo. |
| Hanford, Arthur J., 24 dec. 17..... | 71 inf..... | 2 apr. 19 | New York. |
| Harder, Edward L., 30 jan. 18..... | 10 inf..... | 9 dec. 19 | Philmont. |
| Hartley, George Blackmar, 25 feb. 13..... | 8 c. d. c..... | 9 may 17 | New York. |
| Haskell, William Cook, 3 jun. 98..... | 171 inf..... | 3 jan. 99 | New York. |
| Hastings, Ralph, 30 jan. 18..... | U. S..... | 27 sep. 19 | Tupper Lake. |
| Hay, Frank McElroy, 20 sep. 11..... | 2 inf..... | 16 oct. 17 | New York. |
| Herman, Harry, 8 jul. 07..... | 13 c. d. c..... | 15 aug. 16 | Brooklyn. |
| Herriman, Frank R., 13 nov. 06..... | 23 inf..... | 16 nov. 15 | Brooklyn. |
| Hetsel, Foster G., 12 mar. 15..... | U. S..... | 11 jun. 19 | Brooklyn. |
| Heuel, Emil, 15 nov. 13..... | m. c..... | 13 apr. 15 | New York. |
| Hicks, Howard Ogden, 11 jun. 07..... | 65 inf..... | 22 jul. 16 | Buffalo. |
| Higgins, Lucius C., 3 apr. 16..... | U. S..... | 25 aug. 19 | North River. |
| Hinman, Chas. H., 18 jan. 18..... | 4 inf..... | 22 nov. 19 | Binghamton. |
| Hobby, Frederick Howard, 22 oct. 03..... | 47 inf..... | 21 jan. 08 | Richmond Hill, L. I. |
| Hodder, William L., 10 jul. 18..... | U. S..... | 20 may 19 | Auburn. |
| Hodgman, Alfred Frederick, 27 sep. 07..... | 3 inf..... | 10 jul. 16 | New York. |
| Hoesburgh, Charles S., 21 feb. 18..... | m. t. com..... | 21 feb. 18 | Utica. |
| Hofman, Arthur W., 13 jun. 17..... | U. S..... | 21 may 19 | New York. |
| Holden, Clarence Edgar, 31 mar. 07..... | 2 inf..... | 20 nov. 17 | Whitehall. |
| Holland, Henry, 8 feb. 87..... | 35 sep. co..... | 6 dec. 63 | Ogdensburg. |
| Holton, Herbert Miles, 17 apr. 17..... | 12 inf..... | 27 apr. 17 | New York. |
| Hopson, Francis J., 11 feb. 19..... | 1 f. a..... | 27 dec. 19 | New York. |
| Horgan, John J., 20 nov. 18..... | 71 inf. m. c..... | 7 mar. 19 | New York. |
| Hoeler, Stuart E., 13 feb. 19..... | 3 inf..... | 19 aug. 19 | Syracuse. |
| Hostetter, Allen B., 13 feb. 19..... | 6 btn..... | 25 mar. 19 | Islip. |
| Horrocks, Edward Ernest, 28 dec. 07..... | 14 inf..... | 18 dec. 17 | Brooklyn. |
| Howell, George, 23 feb. 00..... | 7 inf..... | 27 jun. 16 | New York. |
| Hoyt, Charles Herbert, 18 aug. 98..... | 171 inf..... | 3 jan. 99 | New York. |
| Hubbard, Theodore G., 1 jul. 18..... | 3 inf..... | 27 feb. 19 | Geneva. |
| Hudtwalker, George William, 2 aug. 16..... | 47 inf..... | 19 oct. 17 | New York. |
| Hughes, George, 15 oct. 17..... | 2 inf..... | 29 oct. 19 | Hoosick Falls. |
| Hull, F. Irving., 20 nov. 17..... | 8 c. d. c..... | 29 nov. 19 | New York. |
| Hunt, Chas. F., 26 oct. 17..... | m. c. 22 eng..... | 10 dec. 19 | New York. |
| Hurley, Charles Raymond, 3 jul. 16..... | 74 inf..... | 20 oct. 17 | Buffalo. |
| Hutton, Thomas P., 7 aug. 17..... | 1 inf..... | 4 mar. 19 | Utica. |
| Hydorn, Joseph Bartlett, 12 sep. 16..... | 1 cav..... | 1 may 17 | New York. |
| Imperatori, Reginald Johnstone, 5 nov. 09..... | 9 c. d. c..... | 11 may 17 | New York. |
| Janes, Elisha H., 19 jun. 12..... | 12 inf..... | 3 may 18 | New York. |
| Jenkins, John F., 15 oct. 07..... | inf..... | 15 mar. 19 | Ossining. |
| Jewett, Sherman S., 7 jul. 16..... | 74 inf..... | 20 oct. 17 | Buffalo. |
| Johnson, Wm. R., 1 apr. 14..... | 1 cav..... | 2 jul. 15 | New York. |
| Johnston, Fred C., 21 jan. 16..... | U. S..... | 24 may 19 | Auburn. |
| Jones, George, 14 may 18..... | 14 inf..... | 4 oct. 18 | New York. |
| Jewett, Sherman Skinner, 7 jul. 16..... | 74 inf..... | 20 oct. 17 | Buffalo. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
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| | Organization in which last served | Date | |
| CAPTAINS — Continued | | | |
| Johnson, William Richmond, 1 apr. 14. | 1 cav. | 2 jul. 15 | New York. |
| Kearney, Bernard W., 25 aug. 17. | U. S. | 22 sep. 19 | Gloversville. |
| Keese, George M., 1 may 17. | U. S. | 21 oct. 19 | Brooklyn. |
| Kelley, John Thornton, 26 may 98. | 112 sep. co. | 10 dec. 98 | Troy. |
| Kennedy, John T. | 69 inf. | 28 sep. 17 | New York. |
| Kennedy, Richard O., 14 feb. 19. | 2 inf. | 23 jul. 19 | Troy. |
| Kenyon, Harold Edward, 20 mar. 06. | 9 c. d. c. | 27 jun. 16 | New York. |
| Kerby, Frank E., 31 may 17. | U. S. | 24 jul. 19 | Brooklyn. |
| Kerby, J. Parker, 13 dec. 18. | 23 inf. | 17 nov. 19 | Brooklyn. |
| Kernan, Harry, 30 dec. 05. | 14 inf. | 9 may 17 | |
| Kiernan, Bernard F., 21 aug. 17. | 71 inf. | 15 jan. 19 | New York. |
| Kingsbury, Walter Elliott, 16 dec. 12. | 12 c. d. c. | 19 apr. 15 | Brooklyn. |
| Kingsbury, Willoughby, 19 jul. 18. | 9 c. d. c. | 14 nov. 19 | New York. |
| Kinloch, Robert, 21 mar. 18. | 3 f. hosp. | 4 oct. 19 | New York. |
| Knapp, John M., 10 may 18. | 12 inf. | 11 jan. 19 | New York. |
| Kingston, Robert John, 12 apr. 98. | asst. surg. 12 bat. | 15 mar. 99 | Newburgh. |
| Knighton, John Albert, 23 sep. 98. | 165 inf. | 22 dec. 98 | New York. |
| Knowles, Fred A., 7 oct. 18. | 2 inf. | 19 aug. 19 | Schenectady. |
| Knuist, Geo. H., 3 nov. 16. | 7 inf. | 27 may 18 | East Orange, N. J. |
| Korschew, John A., 4 aug. 18. | U. S. | 6 dec. 19 | Middletown. |
| Kraft, John E., 27 apr. 78. | 20 bn. | 31 oct. 18 | Kingston. |
| Kurtz, Henry William, Jr., 24 jan. 02. | 8 inf. | 10 dec. 06 | Pelham Manor. |
| Lancaster, William O., 25 sep. 18. | U. S. | 30 aug. 19 | Waterford. |
| Lang, Frank A., 30 aug. 18. | 22 eng. | 6 jun. 19 | New York. |
| Langschur, Jacob 20 nov. 17. | 1 inf. | 25 mar. 19 | New York. |
| Laux, Herbert, 6 oct. 18. | U. S. | 2 jun. 19 | Buffalo. |
| Lawson, Harold, 30 mar. 19. | U. S. | 14 may 19 | New York. |
| Lawyer, James P., 4 dec. 17. | 4 inf. | 3 jan. 19 | Clyde. |
| Lediard, Charles, 30 nov. 04. | 23 inf. | 5 aug. 15 | Brooklyn. |
| Lent, Abraham F., 21 jul. 98. | asst. surg. 147 inf. | 10 jan. 99 | Brooklyn. |
| Leo, John P., 18 feb. 85. | 22 inf. | 10 oct. 90 | New York. |
| Levien, Christopher L., 23 nov. 15. | 22 c. of e. | 23 nov. 15 | New York. |
| Lewis, Calom Leslie, 24 jun. 98. | 114 inf. | 10 dec. 98 | Brooklyn. |
| Lock, Ambrose Maria, 13 may 98. | 8 reg. | 10 dec. 06 | New York. |
| Lockwood, Frederick D., 9 jul. 17. | ord. dep't. c and d. | 16 aug. 18 | Kingston. |
| Lord, Avery E., 1 dec. 18. | 1 inf. | 27 feb. 19 | New York. |
| Losee, Joseph, 17 dec. 17. | 6 bn. | 25 mar. 19 | Far Rockaway. |
| Louvet, Edward, 31 may 11. | 9 c. d. c. | 1 sep. 14 | Brooklyn. |
| Luthy, William, 15 may 91. | 32 regt. | 26 may 92 | Brooklyn. |
| Lynch, William, 26 feb. 19. | 13 c. d. c. | 19 may 19 | Brooklyn. |
| Lyon, Theodore Edward, 7 may 97. | comy. of sub. 8 inf. | 10 dec. 06 | Montclair, N. J. |
| McAfee, Knox, Jr., 8 apr. 18. | 22 eng. | 27 apr. 18 | New York. |
| McDougall, Chas., 4 apr. 19. | U. S. | 18 jun. 19 | New York. |
| McLaughlin, Chester B., 6 oct. 17. | staff c and d. | 4 may 18 | New York. |
| McMoran, William, 21 jun. 98. | 169 inf. | 24 feb. 99 | New York. |
| McNevin, Alfred C B., 15 mar 11. | 13 c. d. c. | 5 mar. 15 | Brooklyn. |
| Mackey, Martin Luther, 7 apr. 09. | 71 inf. | 31 jun. 16 | New York. |
| MacLean, Boyd, 25 feb. 11. | 71 inf. | 3 may 17 | New York. |
| Maguire, Peter William, 21 jun. 06. | 47 inf. | 27 jun. 16 | Farmingdale, L. I. |
| Maldiner, Frank J., 18 jun. 15. | U. S. | 9 may 19 | N. Tonawanda. |
| Mann, Alfred Christian, 27 nov. 08. | 14 inf. | 4 jul. 16 | Brooklyn. |
| Marlette, Frank C., 30 jan. 18. | 4 inf. | 7 mar. 19 | Groton. |
| Marsh, Frank, 23 may 19. | U. S. | 9 oct. 19 | New York. |
| Marshall, Richard Cranston, 20 may 98. | 121 sep. co. | 10 dec. 98 | Troy. |
| Martin, Clarence S., 2 may 18. | U. S. | 6 may 19 | Oswego. |
| Mason, Jarvis W., 25 aug. 90. | 8 reg. | 13 mar. 16 | New York. |
| Mathiesen, Christian, 24 oct. 19. | 1 cav. | 24 oct. 19 | Buffalo. |
| Maxfield, Charles Evans, 9 jul. 17. | 47 inf. | 19 oct. 17 | New York. |
| Maxson, Wesley Searles, 28 mar. 90. | 32 regt. | 17 may 92 | New York. |
| Miller, Douglas Winslow, 19 may 98. | 103 sep. co. | 24 feb. 99 | Cleveland, O. |
| Miller, Ernest L., 8 nov. 11. | U. S. | 4 may 19 | Albany. |
| Mills, Clarence, 8 apr. 18. | 13 c. d. c. | 22 jan. 19 | Brooklyn. |
| Mills, Robert Doremus, 17 sep. 14. | 1 f. a. | 7 feb. 16 | Brooklyn. |
| Mohler, David D., 4 jul. 18. | U. S. | 23 jun. 19 | Syracuse. |
| Monaghan, Francis J., 5 sep. 17. | 47 inf. | 8 feb. 18 | Brooklyn. |
| Montant, Louis T., 18 oct. 17. | 1 brig. | 17 jun. 18 | New York. |
| Moore, John H., 18 nov. 18. | 65 inf. | 29 aug. 19 | Warsaw. |
| Moore, Roy S., 30 sep. 18. | m. c. | 29 dec. 19 | Syracuse. |
| Mora, Edward, 19 jul. 98. | 108 inf. | 22 dec. 98 | Bridgeport, Conn. |

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| CAPTAINS — Continued | | | |
| Morris, William Ephraim, 22 nov. 12. | 69 inf. | 6 mar. 16 | New York. |
| Morrison, Thomas J., 4 sep. 18. | 22 engs. | 24 oct. 19 | New York. |
| Morro, August, T., 23 oct. 15. | 14 inf. | 25 feb. 19 | Brooklyn. |
| Morse, Henry Wright, 28 jun. 07. | 3 inf. | 27 aug. 17 | New York. |
| Muller, Nicholas, 18 oct. 17. | 69 inf. | 26 dec. 19 | New York. |
| Murray, Arthur S., 28 feb. 18. | 1 inf. | 29 aug. 19 | New York. |
| Murray, Charnley, 15 jul. 18. | 9 c. d. c. | 7 nov. 19 | Flushing, L. I. |
| Murphy, Francis A., 5 sep. 17. | sq. C. | 3 feb. 19 | Brooklyn. |
| Naedele, Theodore C., 17 feb. 19. | U. S. | 20 oct. 19 | Brooklyn. |
| Napier, Charles Dwight, 15 may 93. | 23 inf. | 14 jul. 16 | Brooklyn. |
| Nelson, Guy L., 7 aug. 03. | 10 inf. | 18 dec. 15 | New York. |
| Nelson, Nels Anton. | | 26 jan. 17 | Brooklyn. |
| Nesbitt, Clarence C., 21 mar. 19. | m. c. 2 amb. co. | 25 nov. 19 | Rochester. |
| Newman, Clarence E., 14 jun. 17. | i. g. dep't. | 12 nov. 19 | Albany. |
| Newton, Franklin Jonathan, 16 may 98. | 137 sep. co. | 10 dec. 99 | Schenectady. |
| Niles, Edgar C., 17 apr. 17. | U. S. | 22 sep. 19 | Rensselaer. |
| Norris, Thomas, 2 jan. 18. | 3 inf. | 29 aug. 19 | Cortlandt. |
| Oakleaf, James, 20 feb. 19. | U. S. | 18 dec. 19 | Olean. |
| O'Connor, James K., 3 jul. 16. | 1 inf. | 4 aug. 16 | Utica. |
| Odell, Albert C., 24 apr. 17. | U. S. | 19 aug. 19 | Poughkeepsie. |
| O'Flynn, Geoffrey J., 28 may 19. | U. S. | 29 jul. 19 | New York. |
| Oliver, Edward, 23 oct. 06. | 10 inf. | 17 may 10 | Albany. |
| Olmstead, Harry L., 13 jul. 18. | U. S. | 28 nov. 19 | Wallington. |
| Orr, Gilbert Franklin, 16 oct. 06. | regt. qm. 8 inf. | 10 dec. 06 | New York. |
| Orvis, Schuyler A., 27 mar. 18. | 1 f. a. | 24 jul. 19 | New York. |
| Owen, Paul D., 15 sep. 17. | 2 inf. | 17 dec. 19 | Troy. |
| Overfield, Arthur R., 5 jul. 16. | 74 inf. | 24 jan. 18 | Buffalo. |
| Palmer, A. Embury, 7 mar. 19. | 71 inf. | 23 oct. 19 | New York. |
| Palmer, Augustus W., 17 Jul. 17. | U. S. | 15 may 19 | Hastings-on-Hud. |
| Paris, William F., 6 jun. 98. | 108 inf. | 22 dec. 99 | New York. |
| Parker, Morris K., 10 may 18. | 22 engs. | 17 nov. 19 | New York. |
| Paul, Anthony M., 5 jul. 16. | 74 inf. | 20 oct. 17 | New York. |
| Peabody, Charles J., 8 sep. 86. | a. d. c. 3 brig. | 9 jan. 91 | New York. |
| Pearson, Chas. M., 13 June 17. | cav. | 10 apr. 19 | Buffalo. |
| Pearson, Harold, G., 21 feb. 18. | U. S. | 26 may 19 | Brooklyn. |
| Pell, Howland, 7 July 16. | 12 inf. | 17 jan. 19 | New York. |
| Peterson, Arnold E., 23 may 18. | 1 f. a. | 4 oct. 18 | New York City. |
| Phillips, Sidney, 11 dec. 17. | 6 btn. | 25 mar. 19 | Quogue, L. I. |
| Pittaluga, John Louis. | | 8 may 17 | Brooklyn. |
| Planco, Vincent M., 10 may 18. | 13 c. d. c. | 10 nov. 19 | New York. |
| Ptunket, James. | 69 inf. | 10 July 16 | New York. |
| Pohl, Archibald William John, 12 may 08. | sig. corps. | 18 may 17 | Brooklyn. |
| Pollard, George M., 5 sept. 17. | 9 c. a. c. | 28 feb. 18 | New York. |
| Pomeroy, H. F., 23 nov. 17. | 9 c. a. c. | 12 dec. 18 | New York. |
| Post, Frederick R., 13 oct. 11. | 47 inf. | 29 jan. 18 | New York. |
| Raborg, Thomas M. T., 7 mar. 00. | 12 inf. | 14 dec. 15 | Utah. |
| Rae, Giles, 8 June 98. | 169 inf. | 24 feb. 99 | New York. |
| Raldiris, Edward, 12 jul. 17. | U. S. | 29 may 19 | Brooklyn. |
| Raub, Herschel D., 2 jan. 18. | 74 inf. | 5 dec. 19 | Olean. |
| Ray, Norman G., 19 apr. 18. | 5 btn. | 29 sep. 19 | Massena. |
| Reed, George S., 26 aug. 18. | m. c. 3 inf. | 22 jul. 19 | Syracuse. |
| Reid, Charles Morgan, 24 may 09. | 13 c. d. c. | 24 aug. 17 | New York. |
| Reynolds, John, 28 feb. 19. | U. S. | 17 may 19 | New York. |
| Rich, Fred Reed, 29 Jul. 98. | 102 sep. co. | 17 dec. 98 | Auburn. |
| Richardson, Fred A., 15 aug. 19. | 2 inf. | 17 oct. 19 | Troy. |
| Richman, Ray Dobson, 29 may 15. | 2 amb. | 12 jun. 17 | Rochester. |
| Riffe, James, 17 apr. 17. | U. S. | 6 may 19 | Elmira. |
| Riley, George R., 5 Jan. 17. | U. S. | 4 Jun 19 | Sterling Forest. |
| Robertson, Arthur Leslie, 15 mar. 99. | 71 inf. | 11 apr. 16 | New York. |
| Roe, William Clarke, 22 may 96. | regt. adj. 13 inf. | 7 may 98 | Great Neck, L. I. |
| Romaine, Frank H., 20 apr. 85. | a. d. c. 3 brig. | 5 aug. 86 | New York. |
| Ronald, William, 1 may 17. | U. S. | 16 oct. 19 | Brooklyn. |
| Rooney, Patrick J., 28 feb. 18. | inf. | 22 mar. 19 | New York. |
| Root, William F., 13 aug. 18. | U. S. | 31 dec. 19 | Albany. |
| Rulison, George W., 13 oct. 14. | c. of e. | 16 nov. 15 | New York. |
| Rundle, Richard, 7 nov. 17. | 10 inf. | 14 feb. 19 | Oneida. |
| Russel, Herman C., 20 dec. 18. | U. S. | 21 July 19 | New York. |

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| | Organization in which last served | Date | |
| CAPTAINS — Continued | | | |
| Ryan, Charles E., 5 nov. 19. | 74 inf. | 18 nov. 19 | Buffalo. |
| Ryan, John J., 2 may 87. | 69 inf. | 6 dec. 93 | New York. |
| Sackett, Herbert, 30 apr. 01. | 74 inf. | 26 dec. 18 | Buffalo. |
| Salladin, Henry T., 7 mar. 17. | ord. dept. | 1 may 14 | Utica. |
| Sayers, William L., 23 nov. 17. | 23 inf. | 17 dec. 19 | New York. |
| Schaefer, Robert G., 28 feb. 13. | 22 eng. | 17 nov. 19 | New York. |
| Schaefer, Edward L., 17 apr. 13. | 6 btn. | 25 mar. 19 | Greenport. |
| Schake, George F., 4 jun. 98. | 108 sep. co. | 17 dec. 98 | Rochester. |
| Scherman, Eugene, 4 dec. 17. | 1 inf. | 22 mar. 19 | Kingston. |
| Schmidt, Ernest, 29 jun. 16. | 1 sg. corps. | 7 aug. 19 | New York. |
| Schmidt, Theodore F., 1 jul. 93. | 5 bat. | 15 oct. 18 | New York. |
| Schoeneck, Charles C., 23 jan. 91. | 32 reg. | 26 may 92 | Brooklyn. |
| Scotfield, Raymond B., 2 jul 18. | 22 eng. | 13 nov. 19 | New York. |
| Scott, John Alexander, 10 jul 16. | 10 inf. | 16 nov. 17 | Albany. |
| Scott, Walter A., 17 may 09. | 3 inf. | 7 feb. 18 | Niagara Falls. |
| Scott, William Sherman, 21 jan. 08. | aide 1 brig. | 19 mar. 08 | Mt. Kisco. |
| Seaver, William P., 26 sep. 18. | 22 eng. | 17 nov. 19 | New York. |
| Seimbach, Fred C., 30 oct. 17. | 3 inf. | 14 jun. 19 | Syracuse. |
| Serenbets, George Benjamin, 9 jul. 17. | 47 inf. | 19 oct. 17 | Brooklyn. |
| Serrell, Edward P., 26 oct. 17. | 1 inf. | 25 mar. 19 | White Plains. |
| Seward, Frederic K., 28 aug. 18. | 9 c. d. c. | 12 dec. 19 | New York. |
| Shanahan, William T., 25 oct. 17. | 3 inf. | 29 aug. 19 | Syracuse. |
| Shannon, Porter C., 3 feb. 19. | 1 f. a. | 7 aug. 19 | New York. |
| Shaw, Albert E., 20 jun. 18. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Shean, Chauncey C., 26 feb. 19. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Shedden, George. | U. S. | 29 may 19 | New York. |
| Sheehan, John T., 10 apr. 18. | U. S. | 19 jun. 19 | Newburgh. |
| Sheldon, Rowland C., 8 apr. 18. | 22d eng. | 21 dec. 18 | New York. |
| Silloocks, Henry, 8 oct. 17. | 9 c. a. c. | 14 may 18 | New York. |
| Singleton, Frederick William, 9 jul. 06. | 23 inf. | 19 jun. 16 | Brooklyn. |
| Skinner, Harry Hall, 18 aug. 98. | 171 inf. | 3 jan. 99 | New York. |
| Slawson, Loton H., 23 may 18. | 8 c. d. c. | 3 may 19 | New York. |
| Smith, Alfred H., 31 dec. 18. | 3d inf. | 21 aug. 19 | Watertown. |
| Smith, Arthur T., 1 apr. 16. | U. S. | 13 sep. 19 | Rochester. |
| Smith, Arthur Crossley, 12 apr. 13. | 22 engs. | 13 may 16 | New York. |
| Smith, Edwin C., 20 jul. 17. | 12 inf. | 4 oct. 18 | New York. |
| Smith, Harmon, 6 nov. 18. | 9 c. d. c. m. c. | 2 jul. 19 | New York. |
| Smith, L. Bertrand, 20 jun. 98. | tr. CC. | 3 jan. 99 | Brooklyn. |
| Smith, Sydney J., 22 apr. 96. | a. d. c. a brig. | 9 feb. 98 | New York. |
| Snowden, George B., 30 jan. 18. | 10 inf. | 30 dec. 19 | Utica. |
| Solomon, Joseph. | | 14 may 17 | Flushing, L. |
| Soule, Oscar F. | | 14 oct. 18 | Syracuse. |
| Splint, Frederick W., 10 apr. 18. | m. c. | 1 sep. 18 | New York. |
| Sproul, Charles L., 18 oct. 17. | 1 inf. | 25 mar. 19 | New Jersey. |
| Stallman, Edward J., 2 july 00. | 3 inf. | 20 oct. 17 | New York. |
| St. John, Julius William, 25 may 98. | 133 sep. co. | 24 feb. 99 | Walton. |
| Stephens, John Jacob, Jr., 26 july 13. | 2 f. a. | 25 feb. 16 | New York. |
| Stephens, Philip F., 31 oct. 17. | 3 inf. | 25 feb. 18 | Auburn. |
| Stetson, Dudley D., 9 apr. 18. | M. c. f. a. | 22 oct. 18 | New York. |
| Stevenson, Charles G., 9 oct. 15. | 8 c. d. c. | 9 oct. 15 | New York. |
| Stewart, Henry C. H., 9 oct. 15. | 9 inf. | 9 oct. 15 | New York. |
| Stickney, Edward P., 4 dec. 17. | 2 inf. | 10 sep. 19 | Troy. |
| Stierly, Edward S., 25 oct. 17. | 3 inf. | 12 jul. 19 | Rochester. |
| Stockbridge, Henry Lindsay, 2 aug. 16. | 47 inf. | 5 oct. 17 | New York. |
| Stockwell, Norris P., 11 jul. 17. | U. S. | 5 aug. 19 | New York. |
| Stoddard, Charles Herbert. | 71 inf. | 16 apr. 17 | New York. |
| Stone, Charles B., 11 jun. 13. | 65 inf. | 24 may 15 | Buffalo. |
| Stott, Jonathan W., 30 jan. 18. | 10 inf. | 27 oct. 19 | Albany. |
| Stowell, Clarence W., 15 aug. 16. | 1 art. | 1 oct. 17 | Brooklyn. |
| Stowell, Harold B., 16 apr. 18. | 3 inf. m. c. | 29 dec. 19 | Watertown. |
| Sullivan, Daniel P., 16 nov. 99. | 69 inf. | 28 sep. 17 | New York. |
| Summers, Herbert A., 11 jul. 07. | 14 inf. | 3 apr. 17 | Brooklyn. |
| Sweeney, Lawrence Alfred, 28 may 09. | 22 engs. | 6 july 16 | New York. |
| Sylvester, Franklin Elmer, 24 jun. 98. | 109 reg. | 22 dec. 98 | New York. |
| Talbot, Arthur, 31 jul. 19. | U. S. | 11 june 19 | New York. |
| Taylor, Fred A., 22 nov. 17. | 22 eng. | 17 nov 19 | New York. |
| Taylor, George, 11 dec. 17. | 1 inf. | 26 dec. 18 | Binghamton. |
| Taylor, Irving K., 26 mar. 97. | 7 inf. | 8 mar. 16 | New York. |
| Taylor, Oscar Thomas, 8 jul. 98. | 165 inf. | 22 dec. 98 | Buffalo. |
| Teague, Walter D., 24 jan. 19. | 9 c. d. c. | 30 jun. 19 | New York. |

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| Teller, Chas. F., 11 dec. 17..... | 3 inf..... | 15 sep. 19 | Syracuse. |
| Thebaud, Paul G., 8 oct. 17..... | 9 c. d. c..... | 8 oct. 19 | New York. |
| Thiessen, Fred A., 3 apr. 16..... | U. S..... | 2 sep. 19 | Troy. |
| Thompson, Archibald Niven, 23 jul. 17 | 1 inf..... | 28 feb. 17 | Middletown. |
| Thompson, Lynn Wentworth, 3 jun. 14. | 71 inf..... | 28 oct. 15 | New York. |
| Thum, William George, 11 mar 91..... | 32 reg..... | 26 may 92 | New York. |
| Tilden, Philip S., 24 nov. 15..... | 71 inf..... | 24 nov. 15 | New York. |
| Timpeon, Lawrence, 14 nov. 02..... | i. s. a. p. 1 inf..... | 1 may 05 | Barrytown-on-Hudson. |
| Tompkins, Joseph Elliott, 19 jul. 16..... | 74 inf..... | 20 oct. 17 | Waverly, N. Y. |
| Tompson, Frederick Bernard, 9 nov. 11 | 22 engrs..... | 5 july 16 | New York. |
| Tough, Chas. C., 19 feb. 19..... | 22 engrs..... | 17 nov. 19 | New York. |
| Towle, George Sibell, 6 may 11..... | 7 inf..... | 31 may 17 | New York. |
| Townsend, John Henry, 12 jul. 98..... | asst. insp. 1 brig..... | 21 jan. 08 | New York. |
| Townsend, Reynolds K., 26 nov. 12..... | U. S..... | 18 nov. 19 | Albany. |
| Train, George F., 18 feb. 19..... | U. S..... | 30 dec. 19 | Brooklyn. |
| Trombley, Richard P., 21 jun. 18..... | 6 bat..... | 25 mar. 19 | Hampton. |
| Tucker, Wentworth, 26 apr. 12..... | 12 inf..... | 4 oct. 16 | New York. |
| Tupper, Charles Ford, 9 jun. 98..... | 120 sep co..... | 24 feb. 99 | Binghamton. |
| Twiss, William B..... | U. S..... | 16 jan. 19 | New York. |
| Uhl, Oswald W., 10 may 18..... | 7 inf..... | 18 dec. 18 | New York. |
| Usaker, Irving J., 25 nov. 18..... | 12 inf..... | 22 sep. 19 | New York. |
| Van Buren, Lewellyn, 23 jun. 19..... | 3 inf..... | 29 sep. 19 | Watertown. |
| Van Olinda, William Kinsley, 21 may 98 | 13 regt..... | 28 nov. 98 | New York. |
| Vickers, Chas. W., 31 jan. 18..... | 13 c. d. c..... | 25 aug. 19 | New York. |
| Victor, Carl L., 27 mar. 18..... | 1 f. a..... | 27 jan. 19 | New York. |
| Wade, John S., 13 feb. 19..... | 6 bat..... | 25 mar. 19 | East Hampton. |
| Walker, Stuart H., 3 jan. 18..... | 8 c. d. c..... | 1 dec. 19 | New York. |
| Ward, John Bryan, 14 jul. 98..... | 114 inf..... | 10 dec. 98 | Brooklyn. |
| Warring, Francis B., 21 may 98..... | 115 sep. co..... | 15 mar. 99 | Poughkeepsie. |
| Waters, John T. C., 20 feb. 18..... | 23 inf..... | 15 jan. 19 | New York. |
| Watson, Louis, 2 oct. 18..... | 9 c. d. c..... | 6 oct. 19 | New York. |
| Watson, Herbert L., 22 may 17..... | u. s..... | 3 nov. 19 | New York. |
| Welch, Thomas Cary, 5 jul. 98..... | 165 inf..... | 22 dec. 98 | Manila, P. I. |
| Welsh, Henry B., 15 may 18..... | 8 c. d. c..... | 10 jan. 19 | New York. |
| Werner, Charles, 22 may 96..... | 13 c. d. c..... | 2 jul. 15 | New York. |
| Westermann, Julius T., 22 jun. 11..... | 71 inf..... | 4 may 15 | New York. |
| Whipple, Burdett, 18 nov. 18..... | 65 inf..... | 26 aug. 19 | New York. |
| White, Henry D. Jr., 12 mar. 18..... | 13 c. d. c..... | 13 sep. 19 | Brooklyn. |
| White, Major Ambrose, 4 nov. 15..... | 7 inf..... | 5 jan. 16 | New York. |
| White, S. Reynolds, 27 oct. 15..... | 47 inf..... | 27 oct. 15 | New York. |
| White, William E., 18 dec. 17..... | 14 inf..... | 21 jun. 19 | Brooklyn. |
| Whitehead, Otthoudt Z., 2 may 99..... | 1 regt..... | 1 may 05 | New York. |
| Whittle, John Henry, 23 sept. 92..... | 71 inf..... | 27 jun. 16 | New York. |
| Wightman, David C., 11 apr. 17..... | u. s..... | 29 oct. 19 | Mohawk. |
| Wikel, Henry H., 24 jan. 18..... | 14 inf..... | 1 jul. 18 | New York. |
| Williams, Chas. H., 2 aug. 13..... | 65 inf..... | 16 jun. 17 | Williamsville. |
| Wilson, John A., 11 jul. 16..... | 23 inf..... | 26 nov. 17 | Tenafly, N. J. |
| Winchester, Henry C. Jr., 3 jun. 18..... | 8 c. d. c..... | 19 sep. 19 | New York. |
| Wingenbach, Julius F., 17 may 09..... | 1 inf..... | 15 may 18 | Utica. |
| Winne, Robert L., 5 sep. 17..... | 69 inf..... | 17 apr. 17 | Bellevue, L. I. |
| Winthrop, Bronson, 5 apr. 01..... | regt. qm. 1 inf..... | 1 may 05 | New York. |
| Witherbee, Rex G., 20 nov. 13..... | 1 inf..... | 9 feb. 17 | Utica. |
| Wolff, Daniel, 11 aug. 17..... | 22 engrs..... | 17 nov. 19 | New York. |
| Wolff, Henry, 12 jul. 98..... | 108 regt..... | 22 dec. 98 | New York. |
| Woods, Walter Clayton, 21 may 07..... | 69 inf..... | 6 feb. 17 | New York. |
| Wulff, Charles A., 18 jul. 17..... | 14 inf. A..... | 18 dec. 17 | New York. |
| Young, Warner S., 25 aug. 15..... | 71 inf..... | 26 aug. 15 | New York. |
| Young, William J., 10 may 18..... | 47 inf..... | 1 jul. 19 | New York. |
| Zabriskie, Andrew C., 5 feb. 96..... | 71 inf..... | 18 dec. 15 | Blithewood, N. Y. |
| Ziegler, Edwin G., 22 apr. 18..... | u. s. a..... | 22 may 19 | Buffalo. |

NATIONAL DEFENSE ACT, JUNE 30, 1916

CAPTAINS

| | | | |
|--------------------------------------|--------------|------------|-----------|
| Backhouse, George, 2 jun. 19..... | 12 cav..... | 4 jun. 19 | Brooklyn. |
| Bates, Hayden J., 16 apr. 17..... | q. m. c..... | 4 may 17 | New York. |
| Boyd, Thomas Edward, 11 aug. 03..... | 74 inf..... | 15 jun. 16 | Buffalo. |
| Brost, Jacob, 1 aug. 19..... | inf..... | 7 aug. 19 | Brooklyn. |
| Cronan, Thos. D., 3 nov. 19..... | u. s..... | 24 nov. 19 | Utica. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To RESERVE LIST | | Residence |
|---|-----------------------------------|------------|----------------|
| | Organization in which last served | Date | |
| CAPTAINS — Continued | | | |
| Doorty, Charles Tilden, 16 feb. 12. | 3 f. a. | 24 jul. 16 | Buffalo. |
| Elmes, John W., 29 sep. 19. | inf. | 23 apr. 19 | New York. |
| Fahnestock, Samuel F., 23 apr. 09. | 47 inf. | 10 apr. 17 | Brooklyn. |
| Fitch, Edward A., 12 may 19. | inf. | 13 may 19 | New York. |
| Gogin, Ernest B., 20 dec. 19. | inf. | 20 dec. 19 | Brooklyn. |
| Graves, Robert F., 18 mar. 19. | cav. | 21 mar. 19 | Brooklyn. |
| Hart, Augustin S., 14 mar. 19. | cav. | 17 mar. 19 | Brooklyn. |
| Hill, Henry Albert, 14 jul. 04. | 74 inf. | 16 jun. 16 | Buffalo. |
| McLaughlin, Chester B., 6 oct. 17. | q. m. c. | 4 may 18 | New York. |
| McRichard, Samuel E., 31 mar. 19. | f. a. | 31 mar. 19 | Brooklyn. |
| Nellis, Merwyn, H., 23 aug. 16. | inf. | 21 apr. 17 | Albany. |
| Norman, George D., 31 mar. 19. | inf. | 4 apr. 19 | Brooklyn. |
| Rausch, William C., 24 apr. 19. | m. c. inf. | 28 apr. 19 | Albany. |
| Ritch, Amos Mead, 11 nov. 10. | 47 inf. | 15 aug. 16 | Brooklyn. |
| Rugge, George F., 11 mar. 19. | q. m. c. | 12 mar. 19 | Albany. |
| Stoddard, Francis R. Jr., 27 may 15. | 14 inf. | 27 may 15 | Albany. |
| Weiner, Alphonse W., 26 mar. 19. | f. a. | 27 mar. 19 | Brooklyn. |
| FIRST LIEUTENANTS | | | |
| Abernathy, Clyde G., 30 jan. 18. | 4 inf. | 20 nov. 18 | Hornell, N. Y. |
| Adams, Francis A., 31 oct. 18. | u. s. | 9 jul. 19 | Long Beach. |
| Agnew, George B., 11 apr. 05. | asst. i. s. a. p. 12 inf. | 21 jan. 08 | New York. |
| Aldridge, Ira L., 30 jun. 19. | 15 inf. | 26 dec. 19 | New York. |
| Allen, Henry Newman, 29 dec. 15. | 1 cav. | 11 jul. 17 | New York. |
| Allen, James S., 16 aug. 16. | 3 inf. | 4 apr. 18 | Geneva. |
| Anstice, Mortimer R., 17 dec. 17. | 1 cav. | 13 jun. 19 | Rochester. |
| Archer, Walter A., 5 sep. 17. | 9 c. d. c. | 28 feb. 18 | New York. |
| Arnold, Chas. W., 28 feb. 18. | 1 inf. | 19 dec. 19 | New York. |
| Arnold, Harrison B., 25 May 10. | c. d. c. | 3 mar. 15 | New York. |
| Arnold, Harry, 28 feb. 19. | 1 inf. | 29 aug. 19 | Warwick. |
| Baldwin, Harry C., 15 oct. 18. | 4 inf. | 27 oct. 19 | Binghamton. |
| Barker, Walter C., 25 oct. 99. | 3 f. a. | 22 jan. 18 | |
| Barnes, Ezra A., 11 mar. 18. | u. s. a. | 15 may 19 | Oswego. |
| Barnes, Harry Hamilton, 14 mar. 16. | 1 cav. | 4 jun. 17 | Syracuse. |
| Bartholomew, Alanson D. | | 15 may 17 | New York. |
| Barton, Samuel Taylor, 28 sep. 98. | 120 sep. co. | 24 feb. 99 | Binghamton. |
| Basil, Charles Joseph, 6 jun. 98. | 108 regt. | 22 dec. 98 | New York. |
| Bassford, Henry H., 9 mar. 12. | 1 cav. | 16 sep. 18 | New York. |
| Bathrick, Earl N., 22 jul. 19. | 2 inf. | 19 aug. 19 | Stillwater. |
| Battle, Robert T., 9 jun. 19. | u. s. | 24 nov. 19 | New York. |
| Beach, Oren Milton, 26 jun. 16. | D. B. 7 inf. | 26 jun. 16 | New York. |
| Bechtol, Clarence M., 7 aug. 17. | 1 inf. | 14 feb. 19 | Binghamton. |
| Belfield, William Henry, 11 dec. 15. | 1 inf. | 2 jun. 17 | New York. |
| Bell, Henry, 26 dec. 17. | 2 inf. | 25 mar. 19 | Utica. |
| Benson, Edward George, 29 dec. 15. | 10 inf. | 13 aug. 17 | Albany. |
| Bentley, Chas. W., 7 feb. 19. | 10 inf. | 15 sep. 19 | Albany. |
| Bergen, Veeder, 20 feb. 18. | 4 inf. | 7 mar. 19 | Trumansburg. |
| Betts, Walter S., 2 nov. 17. | 1 inf. | 25 mar. 18 | Marlboro. |
| Bierbauer, Chas. A., 3 jul. 18. | 22 engs. | 19 nov. 19 | New York. |
| Blades, Archie Lee, 21 apr. 17. | u. s. a. | 24 may 19 | Hornell. |
| Booth, Arthur Woodward, 3 aug. 98. | 130 sep. co. | 17 dec. 98 | Elmira. |
| Booth, Charles Alfred, 19 jul. 98. | 108 regt. | 22 dec. 98 | New York. |
| Booth, Frederick V., 26 sep. 18. | 1 f. a. | 12 jul. 19 | New York. |
| Boetwick, Silas B. Jr., 23 may 18. | 8 c. d. c. | 26 nov. 19 | New York. |
| Botting, Leonard P., 16 sep. 19. | 13 c. d. c. | 22 oct. 19 | Brooklyn. |
| Bowdiah, Clifford E., 9 jan. 19. | 3 inf. | 29 aug. 19 | Cortland. |
| Braden, J. Noble, 12 jul. 19. | 71 inf. | 1 oct. 19 | New York. |
| Bradley, Henry Hobart, 1 jul. 98. | 165 inf. | 22 dec. 98 | Buffalo. |
| Breen, John, 11 apr. 18. | 1 f. a. d. c. | 29 aug. 19 | New York. |
| Bridge, Horace L., 30 jan. 18. | 10 inf. | 27 jan. 19 | Madison. |
| Britton, Reuben A. (bvt. cap.), 29 mar. 79. | qm. 9 regt. | 7 dec. 85 | New York. |
| Brodeur, William Henry, 4 apr. 11. | 3 inf. | 2 feb. 15 | Rochester. |
| Brown, LeRoy, 8 apr. 18. | 22 eng. | 11 nov. 19 | New York. |
| Brown, Thos F. | u. s. a. | 14 may 19 | |
| Buckley, William D., 26 feb. 19. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Burdge, Harrie, 22 nov. 00. | 8 inf. | 10 dec. 06 | New York. |
| Burghard, Fred J., 10 dec. 18. | 12 inf. | 3 may 19 | New York. |
| Burns, Eames S., 4 mar. 12. | 74 inf. | 14 mar. 18 | Buffalo. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To Reserve List | | Residence |
|---|-----------------------------------|------------|--------------------|
| | Organization in which last served | Date | |
| FIRST LIEUTENANTS — Continued | | | |
| Burrill, Percy M., 13 may 98. | 12 inf. | 1 may 17 | New York. |
| Butler, Robert W., 13 sep. 00. | 12 inf. | 22 jun. 16 | New York. |
| Buxton, Chas. E., 17 dec. 17. | 6 bat. | 25 mar. 19 | Patchogue. |
| Callahan, John J., 8 aug. 18. | U. S. | 30 oct. 19 | New York. |
| Callingham, Bernard 20 Jan. 19. | 9th c. d. c. | 3 sep. 19 | Brooklyn. |
| Campbell, Alfred B., 4 aug. 84. | adj. 14 inf. | 29 July 89 | Brooklyn. |
| Campbell, Douglas, 17 oct. — | 9th c. a. c. | 11 oct. 18 | New York. |
| Campbell, Ulysses 20 mar. 18. | 5th btn. | 29 sep. 19 | Chateaugay. |
| Carpenter, Robert E., 18 Jan 12. | 10 inf. | 4 may 17 | Albany. |
| Carroll, Michael H., 6 nov. 16. | 69 inf. | 14 aug. 17 | — |
| Carter, Jarvis P., 19 July 18. | 9 c. a. c. | 2 aug. 18 | New York. |
| Cass, Chauncey S., 25 nov. 18. | 12 inf. | 18 apr. 19 | New York. |
| Cattell, James B., 28 June 98. | 171 regt. | 3 Jan. 99 | New York. |
| Cavanaugh, Clarence F., 17 feb. 19. | 1 f. a. | 24 July 19 | New York. |
| Chapman, William C., 27 July 18. | 1 f. a. | 31 dec. 18 | — |
| Cipperly, Henry Darius. | 47 inf. | 2 sep. 16 | Brooklyn. |
| Clapp, F. Austin, 12 nov. 18. | 8 c. d. c. | 22 dec. 19 | New York. |
| Cochran, James, 3 oct. 18. | 14 inf. | 7 aug. 19 | Brooklyn. |
| Coffin, Tristram, 6 Jan. 16. | U. S. | 2 sep. 19 | Hudson. |
| Cohen, David B., 10 aug. 98. | 109 regt. | 22 dec. 98 | New York. |
| Colby, Francis Thompson, 29 Jan. 13. | 2 f. a. | 3 Jul. 15 | New York. |
| Cole, Franklin B., 28 feb. 18. | 1 sig. corps. | 29 oct. 19 | New York. |
| Conklin, Elwood Cline, 3 June 98. | 171 regt. | 3 Jan. 99 | New York. |
| Conklin, James A., 8 Jan. 18. | 1 inf. | 25 mar. 19 | Milton. |
| Connerly, Michael H., 5 May 18. | U. S. | 11 nov. 19 | Cohoes. |
| Conway, David L., 7 Oct. 11. | 3 inf. | 18 dec. 18 | — |
| Connolly, Charles M., 15 mar. 89. | 71 inf. | 23 Jun. 17 | New York. |
| Cook, James H., 14 Jun. 17. | 3 inf. | 4 sep. 19 | Auburn. |
| Cooley, Benjamin Franklin, 12 Jul. 98. | 132 sep. co. | 10 dec. 98 | Oyster Bay, L. I. |
| Cornwall, John R., 26 sep. 18. | 1 f. a. | 3 may 19 | New York. |
| Coudert, Fred R., Jr., 2 Jul. 19. | U. S. A. | 29 May 19 | New York. |
| Coyle, Thomas, 13 feb. 19. | 6 bat. | 25 mar. 19 | Brooklyn. |
| Crasto, Frank P., Jr., 3 feb. 19. | 1 f. a. | 2 Jul. 19 | New York. |
| Crawford, Henry E., 19 Jun. 18. | 9 c. d. c. | 2 Apr. 19 | Brooklyn. |
| Creiger, Abbott M., 10 May 18. | 1 inf. | 19 Nov. 19 | New York. |
| Crewe, Rexford, 17 sep. 18. | U. S. A. | 21 May 19 | New York. |
| Curtis, Frederick Walter, 23 dec. 10. | 13 c. d. c. | 3 May 15 | New York. |
| Curtis, George, 4 May 00. | 13 regt. | 21 Jul. 16 | New York. |
| Daisy, George D., 27 May 19. | U. S. | 30 dec. 19 | Greenwich. |
| Davidson, Henry Fletcher, 6 May 08. | 71 inf. | 30 Apr. 17 | New York. |
| Davis, Fred W., 17 Jan. 18. | 3 inf. | 27 Mar. 19 | Morton. |
| Davis, Joseph William, 10 Jun. 15. | 13 c. d. c. | 8 Mar. 16 | Brooklyn. |
| Davis, Kenneth E., 17 dec. 17. | 6 bat. | 25 Mar. 19 | East Hampton. |
| Deeves, Richard Anderson, 26 feb. 10. | 22 engs. | 29 sep. 16 | New York. |
| Denn, John Joseph, 12 May 05. | 14 inf. | 23 sep. 15 | Brooklyn. |
| Diabrow, Samuel, 21 dec. 18. | 71 inf. | 30 sep. 19 | New York. |
| Dougherty, Theodore, 22 May 18. | Bat. adj. 1 bty. | 1 Nov. 18 | New York. |
| Dowden, Clarence Oswald, 1 Oct. 00. | mil. pharmacist 47 inf. | 22 Apr. 01 | Brooklyn. |
| Drennan, John F. | U. S. | 15 Jul. 19 | Buffalo. |
| Drexel, Anthony J., Jr., 12 sep. 18. | U. S. | 26 Nov. 19 | Philadelphia. |
| Dunlop, Beveridge C., 8 Nov. 17. | 1 inf. | 25 Mar. 19 | New York. |
| Dunwell, William K., 21 Jun. 18. | 6 bat. | 25 Mar. 19 | S. Hampton. |
| Dwinell, George W., 25 Oct. 15. | U. S. | 20 Sep. 19 | New York. |
| Eagle, Henry, 7 Mar. 18. | 71 inf. | 2 Apr. 19 | New York. |
| Easton, Roland J., 29 May 16. | U. S. | 3 Sep. 19 | Albany. |
| Edwards, Frank Burch, 21 Apr. 98. | adj. 17 bat. | 15 Mar. 99 | Ft. Wingate, N. M. |
| Edwards, James Howard, 11 May 98. | 110 bat. | 15 Mar. 99 | Albany. |
| Ehrlich, Oscar F., 6 Aug. 17. | 2 inf. | 24 Oct. 19 | Gloversville. |
| Ekman, Carl G., 4 Dec. 17. | 47 inf. | 23 Jul. 19 | Brooklyn. |
| Englehardt, F. G., 8 Jul. 16. | 4 amb. co. | 18 Dec. 18 | — |
| Ericson, George Henning. | — | 6 Jan. 17 | Brooklyn. |
| Ernst, John H. Jr., 19 Mar. 18. | U. S. A. | 26 May 19 | Brooklyn. |
| Estey, Adrian, 26 Sep. 18. | 1 f. a. | 4 Feb. 19 | Binghamton. |
| Fagan, Edward J., 7 Oct. 17. | U. S. | 10 Dec. 19 | New York. |
| Farrington, Robert Webster, 20 Dec. 09. | ord. dept. | 1 May 14 | Buffalo. |
| Farrington, William Doty, 14 May 08. | 8 c. d. c. | 24 Jul. 15 | New York. |
| Field, William Putnam, 17 Aug. 98. | 109 inf. | 22 Dec. 98 | New York. |
| Fielding, Warren C., 20 May 18. | 22 engs. | 14 Nov. 19 | New York. |
| Finegan, James E., 20 Nov. 17. | 1 inf. | 25 Mar. 19 | Haverstraw. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|------------|---------------|
| | Organization in which last served | Date | |
| FIRST LIEUTENANTS — Continued | | | |
| Fisher, Irving, Jr., 11 feb. 19. | 7 inf. | 7 aug. 19 | New York. |
| Fisher, Samuel Percy, 24 feb. 91. | 71 inf. | 7 jun. 17 | Brooklyn. |
| Fitzgerald, Frank P. 29 oct. 19. | U. S. A. | 8 mar. 19 | Troy. |
| Fitzpatrick, John T., 20 aug. 18. | U. S. | 30 jun. 19 | Albany. |
| Ford, Robert C., 1 may 87. | 69 regt. | 6 dec. 93 | New York. |
| Francis, Eugene Mitchell, 22 aug. 98. | 109 regt. | 22 dec. 98 | New York. |
| Frankel, Joseph. | 1 f. a. | 5 aug. 19 | New York. |
| Gale, Miles M., 30 jan. 18. | 5 bat. | 11 sep. 18 | |
| Gandolfo, Joseph H., 28 aug. 18. | 71 inf. | 8 nov. 19 | New York. |
| Gately, George E. | | 16 apr. 17 | Buffalo. |
| Gay, James E., 13 feb. 19. | 6 bat. | 25 mar. 19 | East Hampton. |
| Gessler, LeRoy, 10 jul. 17. | 2 inf. | 6 jun. 19 | Amsterdam. |
| Gibbs, Albert W., 23 aug. 18. | U. S. | 17 oct. 19 | New York. |
| Gibson, Walter L., 27 jun. 06. | U. S. | 2 oct. 19 | Brooklyn. |
| Girvin, Thomas. | 71 inf. | 1874 | New York. |
| Gleason, Andrew Chase, 26 jul. 98. | 108 sep. co. | 17 dec. 98 | Rochester. |
| Gleed, James W., 12 may 98. | 131 sep co. | 10 dec. 98 | Mohawk. |
| Glynn, George Alexander, 9 mar. 91. | 48 sep co. | 14 mar. 93 | Albany. |
| Godwin, Victor, 20 aug. 18. | 71 inf. | 18 apr. 19 | New York. |
| Goepel, Percy R., 11 jun. 18. | 13 c. d. c. n. y. n. g. | 10 nov. 19 | Brooklyn. |
| Goff, John William, Jr., 25 sep. 11. | 71 inf. | 19 jun. 17 | New York. |
| Golden, William G., 1 nov. 18. | U. S. | 9 sep. 19 | Buffalo. |
| Golding, John Noble, 18 jun. 88. | 71 regt. | 20 jun. 16 | New York. |
| Goodfellow, Eugene H. | m. c. | 6 July 16 | New York. |
| Graham, Wilmet Cornish, 22 jan. 97. | 19 sep. co. | 21 jun. 97 | Poughkeepsie. |
| Gray, Maxwell H., 27 jun. 16. | U. S. | 25 oct. 19 | Brooklyn. |
| Green, Norwin H., 17 dec. 17. | | 19 feb. 19 | New York. |
| Green, William H., 17 dec. 17. | 6 bat. | 25 mar. 19 | East Hampton. |
| Griffeth, Chester F., 2 feb. 18. | 3 inf. | 27 jan. 19 | Rochester. |
| Guerin, Evariste A., 4 dec. 18. | 13 c. d. c. | 13 mar. 19 | Brooklyn. |
| Hafner, Henry, 12 apr. 16. | 3 f. a. | 23 jun. 17 | Buffalo. |
| Hagen, William, 18 mar. 19. | 2 inf. | 6 jun. 19 | Troy. |
| Hagenmiller, John W., 30 sep. 18. | U. S. | 9 jul. 19 | New York. |
| Halpin, Francis, 15 oct. 15. | squad. A. | 15 oct. 15 | New York. |
| Hammond, Wilber B., 16 dec. 04. | 10 inf. | 14 nov. 19 | Yonkers. |
| Hannan, Cornelius, 26 may 93. | 112 sep. co. | 10 dec. 98 | Watervliet. |
| Hardy, George J., 16 june 93. | 9 regt. | 22 dec. 98 | New York. |
| Hart, Benjamin S. | | 9 jun. 17 | New York. |
| Hathaway, Frank Bradner, 19 apr. 98. | comy. of sub. 12 bat. | 15 mar. 99 | Middletown. |
| Hayes, William A. | 9 c. d. c. | 8 oct. 15 | New York. |
| Hazeltine, Laban, 9 sep. 98. | asst. surg. 113 sep. co. | 20 dec. 98 | Jamestown. |
| Hasen, John, 25 oct. 17. | 3 inf. | 29 sep. 20 | Brookport. |
| Henry, John Joseph, 30 apr. 98. | 69 regt. | 15 mar. 00 | New York. |
| Herbert, Victor, 30 aug. 18. | 22 eng. | 17 oct. 19 | New York. |
| Herron, Joseph A., 2 dec. 15. | 4 N. J. vols. | 2 dec. 15 | New York. |
| Hickman, Willis G., 22 mar. 19. | 74 inf. | 20 oct. 19 | Buffalo. |
| Higgs, Clarence W., 21 jul. 17. | 8 c. d. c. | 13 feb. 19 | New York. |
| Hill, Thomas Alfred, 3 jun. 98. | 171 regt. | 3 jan. 99 | New York. |
| Hillenbrand, Christopher B., 12 aug. 98. | bat. adj. 108 inf. | 22 dec. 98 | New York. |
| Hills, Guy Davidson, 13 jul. 16. | 10 inf. | 18 sep. 17 | Albany. |
| Hines, William A., 4 dec. 18. | 22 eng. | 26 nov. 19 | New York. |
| Hinman, Bert A., 3 dec. 18. | 71 inf. | 18 apr. 19 | New York. |
| Hoag, Arthur M., 11 dec. 17. | 4 inf. | 22 jan. 19 | Binghamton. |
| Hock, Frank C., 21 jun. 05. | 1 inf. | 25 mar. 18 | Goshen. |
| Hoecker, John C., 19 jun. 19. | 69th inf. | 30 jun. 19 | New York. |
| Hoffman, Harry Natt, 18 sep. 06. | bat. qm. 3 inf. | 21 jan. 08 | Elmira. |
| Hollander, Elimer R., 4 dec. 17. | 9 c. d. c. | 2 jul. 19 | New York. |
| Holderber, Charles P., 28 dec. 18. | 71 inf. | 17 sep. 19 | New York. |
| Honan, Lawrence J., 13 jan. 19. | U. S. | 15 aug. 19 | New York. |
| Howard, Harry, 26 jun. 18. | 2 inf. | 24 oct. 19 | Amsterdam. |
| Howard, William F., 20 nov. 18. | 9 c. d. c. | 28 nov. 19 | New York. |
| Hoyer, William Edmund, 29 may 08. | 8 c. d. c. | 7 July 16 | New York. |
| Hull, Alson Joye, 1 apr. 15. | 23 inf. | 18 jun. 17 | New York. |
| Humbert, Arthur C., 16 jun. 98. | 171 regt. | 3 jan. 99 | New York. |
| Husch, Sylvester B., 13 feb. 19. | 9 c. d. c. | 17 jul. 19 | New York. |
| James, Arthur E., 11 dec. 17. | 7 inf. | 13 may 19 | New York. |
| James, Frederick, 31 oct. 17. | 3 inf. | 4 sep. 19 | Rochester. |
| James, Edward Foster, 24 jun. 16. | 12 inf. | 27 sep. 16 | New York. |
| Janne, Louis D., 25 jan. 18. | U. S. | 11 jun. 19 | Binghamton. |
| Jeffrey, Stewart Lee, 10 jul. 12. | 10 inf. m. c. | 7 jul. 16 | Yonkers. |

RESERVE OFFICERS—(Continued)

| NAME, GRADE AND DATE OF RANK | To RESERVE LIST | | Residence |
|--|-----------------------------------|------------|------------------|
| | Organization in which last served | Date | |
| FIRST LIEUTENANTS—Continued | | | |
| Jerome, Jerome V., 9 nov. 17..... | 6 bat. | 25 mar. 19 | East Islip. |
| Jessup, Charles M., 13 jul. 87..... | 12 regt. | 29 oct. 90 | New York. |
| Johnson, Cornelius R., 20 aug. 19..... | U. S. | 19 aug. 19 | Troy. |
| Johnson, Edward, 14 jun. 98..... | 171 regt. | 27 jul. 98 | New York. |
| Jones, Elijah, 17 may 98..... | 144 sep. co. | 24 feb. 99 | Utica. |
| Jones, Henry N., 15 oct. 18..... | 3 inf. | 15 sep. 19 | Syracuse. |
| Joslin, Edward, 24 may 98..... | 109 sep. co. | 10 dec. 98 | Whitehall. |
| Kaeppel, Arthur E., 24 jan. 16..... | U. S. | 3 jul. 19 | Binghamton. |
| Kelley, James Stuart, 5 jul. 98..... | 165 inf. | 22 dec. 98 | New York. |
| Kelly, Charles Austin, 11 oct. 16..... | 14 inf. | 17 aug. 17 | New York. |
| Kenney, Parker John, 28 feb. 16..... | 3 inf. | 20 jun. 16 | Ogdensburg. |
| Kernochan, Frederic, 23 aug. 04..... | bat. qm. 12 inf. | 21 jan. 08 | New York. |
| Kirby, Charles Wright, 11 aug. 16..... | 71 inf. | 11 aug. 17 | New York. |
| Kirkpatrick, Edward M., 15 aug. 16..... | 69 inf. | 20 jun. 19 | New York. |
| Kirowitz, Gabriel S., 11 feb. 19..... | 1 f. a. | 16 dec. 19 | Binghamton. |
| Klinger, Walter B., 20 feb. 18..... | 4 inf. | 7 mar. 19 | Friendship. |
| Kraft, Otto H., 8 dec. 73..... | | 23 jul. 75 | |
| Ladew, Edward W., 27 feb. 12..... | 22 corps of engs. | 23 dec. 14 | New York. |
| Lane, Alfred S., 20 Nov. 18..... | 9 c. d. c. | 14 nov. 19 | New York. |
| Lane, Henry, 6 jun. 98..... | 108 regt. | 22 dec. 98 | New York. |
| Lathrop, Henry Stebbins, 15 sep. 98..... | 108 inf. | 22 dec. 98 | Elizabeth, N. J. |
| Lawrence, Effingham N., 7 mar. 19..... | 1 f. a. | 12 jul. 19 | New York. |
| Lawton, Addison, 4 dec. 18..... | 8 c. d. c. | 26 sep. 19 | New York. |
| Leake, Theodore H., 24 may 18..... | 10 inf. | 1 oct. 18 | Albany. |
| Ledford, John, 8 may 17..... | u. s. | 16 dec. 19 | Albany. |
| Lee, Henry F., 1 mar. 18..... | | 1 mar. 18 | Syracuse. |
| Layden, Leon M., 28 may 19..... | 2 inf. | 16 dec. 19 | Whitehall. |
| Levy, Bertholdt M., 30 jan. 18..... | 10 inf. | 13 nov. 19 | Albany. |
| Liebert, Fred W., 26 aug. 18..... | 22 eng. | 26 nov. 19 | New York. |
| Lines, Harvey E., 8 oct. 17..... | 9 c. d. c. | 2 apr. 19 | New York. |
| Little, Horace A., dec. 1918..... | u. s. | 12 dec. 19 | New York. |
| Lloyd, William R., 6 jun. 98..... | 108 regt. | 22 dec. 98 | New York. |
| Lockwood, Lewis G., 25 oct. 17..... | 3 inf. | 29 aug. 19 | Sonyea. |
| Lorentzen, Julius C., 6 nov. 18..... | 1 f. a. | 9 aug. 19 | Brooklyn. |
| Lovell, Fred K., 20 sep. 15..... | u. s. | 14 oct. 19 | New York. |
| Lyon, Charles F., 11 jun. 18..... | 13 c. d. c. | 19 may 19 | Brooklyn. |
| McAdams, Charles N., 17 oct. 18..... | 1 f. a. | 22 oct. 19 | New York. |
| McConkey, Thomas A., 9 jun. 98..... | 169 inf. | 24 feb. 99 | Searsdale. |
| McCoy, James John, 3 feb. 92..... | 69 regt. | 6 dec. 93 | New York. |
| McDonnell, James F., 22 sep. 17..... | u. s. | 21 aug. 19 | Far Rockaway. |
| McDowell, Frederick Lowman, 9 dec. 92..... | 45 sep. co. | 6 dec. 93 | Cortland. |
| McGrath, Denis Joseph, 12 jul. 98..... | 169 inf. | 24 feb. 99 | Brooklyn. |
| McGuire, Clarence V., 27 mar. 18..... | 1 f. a. | 4 dec. 18 | New York. |
| McGibbon, George N., 24 nov. 15..... | 1 bat. sig. corps. | 24 nov. 15 | New York. |
| McNeil, Thomas J. | | 8 jul. 16 | New York. |
| Mackin, Robert N., 13 dec. 15..... | 9 c. d. c. | 13 dec. 15 | New York. |
| Magonigle, Harold Van Buren, 15 aug. 98..... | bat. adj. 109 inf. | 22 dec. 98 | New York. |
| Maher, John D., 9 jul. 98..... | 114 regt. n. y. v. | 16 may 16 | New York. |
| Mahon, Charles, 1 aug. 90..... | 69 regt. | 6 dec. 93 | New York. |
| Marsh, Valentine, 22 aug. 98..... | 109 regt. | 22 dec. 98 | New York. |
| Martin, Edward Elsworth Irwin, 11 aug. 16..... | d. b. 71 regt. | 6 oct. 16 | Brooklyn. |
| Martin, Harwood, 25 oct. 17..... | 3 inf. | 11 feb. 19 | Honeoye Falls. |
| Matthews, George, Jr. | u. s. | 11 aug. 19 | New York. |
| Maxwell, Frederick Stevens. | d. b. 71 regt. | 10 jul. 16 | New York. |
| Meinke, John H., 24 may 19..... | 71 inf. | 30 jun. 19 | New York. |
| Mellen, Henry, 20 jun. 16..... | u. s. | 22 oct. 19 | White Plains. |
| Merriman, James D., 14 mar. 18..... | 12 inf. | 24 jan. 19 | New York. |
| Merrill, Alden Jesse, 22 oct. 01..... | 31 sep. co. | 11 may 17 | New York. |
| Meyer, Schuyler M., 26 jan. 18..... | 1 f. a. s. c. | 11 oct. 18 | New York. |
| Miller, John, 17 aug. 08..... | c. a. c. 34 co. | 4 feb. 18 | New York. |
| Miller, John V., 27 jun. 18..... | q. m. c. | 13 dec. 19 | Yonkers. |
| Miller, Mac N., 14 jun. 17..... | 10 inf. | 14 feb. 18 | Albany. |
| Miner, Henry Clay, 23 jan. 06..... | 22 regt. | 4 may 17 | New York. |
| Minton, James V., 8 nov. 80..... | 11 sep. co. | 17 jun. 81 | Westfield. |
| Moe, Earl T., 30 jan. 18..... | 4 inf. | 7 mar. 19 | Groton. |
| Moffit, Thomas R., 30 jan. 18..... | 5 btn. | 29 aug. 19 | Saranac. |
| Moon, John H., 6 jun. 98..... | 108 inf. | 22 dec. 98 | New York. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|---|-----------------------------------|------------|-------------------------|
| | Organization in which last served | Date | |
| FIRST LIEUTENANTS — Continued | | | |
| Moore Frederick Charles, 98 apr. 07... | 71 regt. | 28 jun. 16 | New York. |
| Morgan, John W., 12 aug. 98. | 108 regt. | 22 dec. 98 | New York. |
| Mould, Erwin, 13 may 98. | 114 sep. co. | 24 feb. 99 | Rochester. |
| Moyer, William H., 17 jan. 19. | 1 f. a. | 4 aug. 19 | Syracuse. |
| Muckenfuss, Lee P., 28 mar. 19. | 22 eng. | 13 nov. 98 | New York. |
| Mulford, Joseph Parker, 30 apr. 98. | 8 inf. | 22 dec. 98 | Brooklyn. |
| Murphy, John J., 5 jul. 16. | 74 depot bat. | 24 jun. 18 | Buffalo. |
| Nelson, Lewis H., 21 may 98. | 107 sep. co. | 10 dec. 98 | Winston—Salem, N. C. |
| Nightingale, Fred, 13 feb. 19. | 6 btn. | 25 mar. 19 | Sag Harbor. |
| Norton, Robert H., 15 aug. 17. | u. s. | 7 nov. 19 | Albany. |
| O'Connor, Francis B., 20 feb. 18. | 4 inf. | 11 nov. 19 | Wellsville. |
| O'Donohue, Louis V., 18 mar. 98. | comy. of sub. sq. A. | 21 jan. 08 | New York. |
| O'Keefe, Maurice Davis, 23 jun. 98. | 169 regt. | 24 feb. 99 | New York. |
| O'Malley, Joseph, 15 oct. 15. | 23 inf. | 15 oct. 15 | New York. |
| O'Reilly, Thomas Joseph, 4 feb. 08. | 69 regt. | 31 jul. 16 | New York. |
| Orgill, John C., 28 oct. 18. | 2 f. a. | 29 oct. 19 | Brooklyn. |
| O'Rourke, Edward H., 20 apr. 18. | u. s. | 26 aug. 19 | Buffalo. |
| Page, Joseph R., 1 jul. 18. | 4 inf. | 7 mar. 19 | Ithaca. |
| Palmer, Earl K., 10 jul. 18. | u. s. | 16 oct. 19 | Mohawk. |
| Parke, Floyd B., 20 may 87. | 26 sep. co. | 21 jun. 97 | Elmira. |
| Patterson, Henry Augustus, 3 jun. 98. | 171 inf. | 3 jan. 99 | New York. |
| Patton, Herbert W., 14 may 98. | 103 sep. co. | 24 feb. 99 | Boston, Mass. |
| Pedersen, John Douglas, 19 feb. 14. | 1 inf. | 26 jun. 16 | Mohawk. |
| Pellew, Charles Everitt. | 8 c. d. c. | 14 nov. 17 | New York. |
| Pennefather, J. Raymond, 23 nov. 17. | 22 eng. | 27 feb. 19 | New York. |
| Peobles, John C., 8 jan. 18. | 3 inf. | 17 dec. 19 | New York. |
| Phillips, James J., 4 feb. 18. | 8 c. d. c. | 21 jul. 19 | Rochester. |
| Phillips, Walter E. | 71 inf. | 30 jun. 19 | New York. |
| Pierce, Alfred W., 20 oct. 17. | u. s. | 17 dec. 18 | |
| Plumley, Charles B., 13 dec. 11. | u. s. | 9 jun. 19 | Cohoes. |
| Poole, Sidman P., 15 aug. 17. | u. s. | 17 nov. 19 | Syracuse. |
| Porter, Arthur R., 16 jan. 08. | 47 inf. | 16 aug. 18 | Utica. |
| Pruter, Frederick, 1 oct. 19. | u. s. | 12 may 19 | Brooklyn. |
| Pruyn, Foster, 14 jun. 17. | 10 inf. | 30 nov. 17 | Albany. |
| Radcliffe, Clarence Van Ness, 16 jun. 09. | 7 inf. | 17 jun. 16 | New York. |
| Reagan, James Henry, 17 may 98. | 122 sep. co. | 9 dec. 98 | Saratoga Springs. |
| Reilly, Edward J., 23 nov. 17. | 47 inf. | 2 dec. 19 | Brooklyn. |
| Reinold, Edgar VanCourt, 24 jun. 16. | 71 inf. | 27 oct. 17 | Yonkers. |
| Reynolds, Reginald, 30 dec. 08. | 12 regt. | 10 mar. 16 | New York. |
| Reynolds, Thomas Lennon, 15 jul. 02. | 69 inf. | 28 sep. 17 | New York. |
| Richard, Aurelien R., 1 nov. 18. | 1 f. a. | 25 mar. 19 | New York. |
| Richards, Edward L., 14 jan. 18. | 15 inf. | 12 jul. 19 | New York. |
| Ripley, Henry Baldwin Hyde, 6 jul. 15. | 12 inf. | 8 may 16 | New York. |
| Rivers, William J., 7 aug. 17. | 1 inf. | 16 dec. 18 | Watertown. |
| Roberts, Edwin M., 24 jan. 18. | u. s. | 3 may 19 | Auburn. |
| Roberts, William, 18 oct. 17. | 22 eng. | 26 nov. 19 | New York. |
| Robertson, Victor Arthur, 5 aug. 16. | 14 inf. | 17 aug. 17 | New York. |
| Rockwood, Harold Arthur, 16 dec. 12. | 74 inf. | 4 may 17 | Amsterdam. |
| Roeser, John Edward, 6 jun. 98. | 112 inf. | 24 jan. 99 | New York. |
| Romer, Charles Baetsel, 11 jun. 98. | 130 sep. co. | 17 dec. 98 | Elmira. |
| Rolfe, James A., 28 aug. 18. | 3 inf. | 7 aug. 19 | Clifton Springs. |
| Rothemeyer, Herbert Norris, 10 june | 65 inf. | 11 jul. 16 | Buffalo. |
| Rosenberger, James M., 3 apr. 19. | 13 c. d. c. | 21 jun. 19 | New York. |
| Ross, Charles M., 4 dec. 18. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Ross, Herbert E., 1 oct. 17. | u. s. | 6 jun. 19 | Warrensburg. |
| Rousseau, Theodore Duncan, 2 dec. 15 | 1 brig. | 25 may 16 | New York. |
| Kowe, Mark D., 10 may 18. | 12 inf. | 28 mar. 19 | New York. |
| Russell, Thomas Hendrick, 5 mar. 12. | med. corps. | 24 nov. 14 | New York. |
| Sagons, Charles Benedict, 2 dec. 14. | 14 inf. | 23 jun. 16 | Brooklyn. |
| Sanger, Louis, 11 jul. 17. | u. s. | 13 jun. 19 | New York. |
| Satorius, Irving A., 3 feb. 19. | 1 f. a. | 14 jun. 19 | New York. |
| Schiller, Julius, 26 sep. 08. | 2 inf. | 7 aug. 17 | Amsterdam. |
| Schlieper, Ernest F., 5 dec. 18. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Schuyler, Robert L., 17 nov. 19. | 22 eng. | 14 nov. 19 | New York. |
| Seymour, Thomas, 4 feb. 10. | 9 c. d. c. | 27 dec. 17 | New York. |
| Shattuck, Algernon B., 3 aug. 16. | 3 inf. | 4 jan. 18 | Medina. |
| Shaw, Lyman A., 21 jun. 16. | u. s. | 19 jun. 19 | Albany. |
| Sherwood, James Tyler, 23 dec. 10. | 1 inf. | 4 dec. 17 | New York. |
| Shirley, Rufus G., 15 oct., 15. | 9 c. d. c. | 15 oct. 15 | New York. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | To Reserve List | | Residence |
|---------------------------------------|-----------------------------------|------------|-------------------|
| | Organization in which last served | Date | |
| FIRST LIEUTENANTS — Concluded | | | |
| Shields, William Hamilton, 10 may 98. | 106 sep. co. | 10 dec. 98 | Troy. |
| Shinners, John T., 25 may 10. | 1 f. a. c. | 22 jan. 18 | Binghamton. |
| Signor, Charles G., 17 feb. 19. | 74 inf. | 29 aug. 19 | New York. |
| Simons, Leon Marvin, 22 jan. 15. | 47 inf. | 25 may 17 | New York. |
| Simpeon, Robert L., 18 jul. 18. | sq. C. | 20 mar. 19 | Huntington. |
| Siak, Maurice, 8 jun. 98. | 169 regt. | 24 feb. 99 | New York. |
| Sisson, Lewis E., 13 dec. 18. | 8 c. d. c. | 30 jun. 19 | New York. |
| Smith, Albert Rockwell, 30 jun. 03. | compy. of sub. 1 bat. | 17 jul. 07 | No. Tonawanda. |
| Smith, Frederick William, 29 dec. 08. | 1 sig. cor. | 9 aug. 16 | New York. |
| Smith, Harvey N., 6 oct. 17. | 3 inf. | 20 jun. 19 | Syracuse. |
| Smith, Lewis B., 24 may 18. | 10 inf. | 17 oct. 19 | New Hartford Pl. |
| Smith, William K., 26 dec. 17. | 2 inf. | 7 mar. 19 | Gloversville. |
| Stern, Albert, 11 oct. 17. | 1 f. a. | 14 may 18 | New York. |
| Stevenson, Mayne Reed, 9 jun. 98. | 113 sep. co. | 20 dec. 98 | Jamestown. |
| Stillings, John A. B., 4 dec. 18. | q. m. c. | 23 apr. 19 | Albany. |
| Stivers, John Dunning, 26 apr. 98. | qm. 12 bat. | 15 mar. 99 | Middletown. |
| Stranahan, J. Orley, 23 sep. 98. | asst. surg. 115 sep. co. | 15 mar. 99 | Rome. |
| Spawton, Fred G. | u. s. | 9 aug. 19 | Buffalo. |
| Speares, Herbert W., 3 nov. 17. | 1 cav. | 13 jun. 19 | Rochester. |
| Spence, Harry L., 21 aug. 18. | 13 c. d. c. | 20 feb. 19 | New York. |
| Sullivan, Harry P., 8 feb. 18. | | 19 nov. 19 | Brooklyn. |
| Swaab, Frank L., 3 feb. 19. | 1 f. a. | 12 aug. 19 | New York. |
| Taggart, William E., 20 apr. 18. | u. s. | 11 aug. 19 | Buffalo. |
| Tansley, Frank D., 29 may 06. | 9 c. d. c. | 20 sep. 15 | New York. |
| Taylor, Joseph H. W., 10 oct. 18. | 2 inf. | 19 aug. 19 | Schenectady. |
| Thomas, Charles E. L., 6 apr. 15. | 69 inf. | 24 nov. 15 | New York. |
| Thomas, James Winthrop, 25 may 10. | 8 c. d. c. | 19 may 14 | New York. |
| Thompson, William Bryan, 19 sep. 98. | i. s. a. p. 11 bat. | 15 mar. 99 | Mount Vernon. |
| Tirrell, Addison S., 24 may 19. | 74 inf. | 29 aug. 19 | Buffalo. |
| Tomlinson, Burt Franklin, 22 jun. 15. | 9 c. d. c. | 8 may 16 | New York. |
| Trembley, Charles C., 21 may 18. | 5 btn. | 29 aug. 19 | Saranac. |
| Trotman, W. Fred, 28 dec. 18. | 15 inf. | 26 may 19 | New York. |
| Trowbridge, Oliver B., 30 aug. 18. | 3 inf. | 20 aug. 19 | Pulaski. |
| Van Horne, Hervey H., 4 dec. 17. | 47 inf. | 5 jun. 18 | Brooklyn. |
| Van Tuyl, Otto W., 17 apr. 18. | 6 bat. | 25 mar. 19 | Greenport. |
| Vollmer, William H., 27 nov. 17. | u. s. a. | 15 may 19 | New York. |
| Vorce, Walter H., 4 jun. 98. | 101 sep. co. | 26 dec. 98 | Rochester. |
| Waldron, Leonard Truman, 3 jun. 98. | 171 regt. | 3 jan. 99 | New York. |
| Walker, Henry Halsey, 6 may 98. | 47 regt. | 16 may 99 | Brooklyn. |
| Walton, L. Roberts, 4 apr. 11. | u. s. | 9 oct. 19 | New York. |
| Ward, James Joseph, 5 sep. 82. | 69 regt. | 24 jun. 95 | New York. |
| Warner, Oliver L., 28 aug. 18. | 4 inf. | 7 mar. 19 | Penn. Yan. |
| Warren, William H., 5 may 17. | 9 c. d. c. | 1 feb. 19 | Long Island City. |
| Weir, James, 17 mar. 05. | compy. of sub. sq. C. | 21 jan. 08 | Brooklyn. |
| Wells, James L., Jr., 3 may 18. | 8 c. d. c. | 13 aug. 19 | New York. |
| Werner, Carl A., 28 may 19. | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Whaley, Arthur Moulder, 25 jul. 98. | 165 regt. | 22 dec. 98 | Buffalo. |
| Whelply, David, 6 jun. 17. | u. s. | 9 jun. 19 | New York. |
| Whitbeck, John W., 5 sep. 17. | 9 c. d. c. | 28 feb. 18 | New York. |
| White, John K., 6 apr. 17. | 3 f. a. | 22 jan. 18 | Buffalo. |
| Whritenour, George E., 18 oct. 17. | 1 inf. | 27 feb. 19 | Sloatsburg. |
| Wilde, George M. | 13 c. d. c. | 6 jun. 19 | Brooklyn. |
| Wilder, Guernsey L., 5 apr. 17. | u. s. | 15 may 19 | Potsdam. |
| Williams, Allen P. | u. s. | 20 aug. 19 | Rochester. |
| Williams, Edgar Julian, 11 oct. 16. | 14 inf. | 17 aug. 17 | Brooklyn. |
| Williams, Roger H., 14 mar. 19. | 9 c. d. c. | 2 oct. 19 | New York. |
| Wilson, James Whitney, 20 dec. 06. | 3 inf. | 17 aug. 17 | Geneva. |
| Wilson, Walter Morse, 3 dec. 02. | 65 inf. | 27 jul. 16 | Buffalo. |
| Windholz, Louis, 26 sep. 78. | compy. of sub., 51 inf. | 17 dec. 81 | New York. |
| Wood, Allan B., 20 feb. 18. | 14 inf. | 24 apr. 18 | Brooklyn. |
| Wood, Franklin Thomas, 26 may 99. | compy. of sub. 4 bat. | 1 may 05 | Albany. |
| Wood, Lansing Pruyn, 16 dec. 98. | 110 bat. | 15 mar. 99 | New York. |
| Woodard, Barton E., 30 jul. 18. | u. s. | 27 aug. 19 | Medina. |
| Woodruff, Henry Adair, 14 jun. 98. | 171 regt. | 3 jan. 99 | New York. |
| Woodward, Rignal D., 6 jun. 98. | 112 inf. | 24 jan. 99 | New York. |
| Wright, Clarence S., 19 jul. 98. | 133 sep. co. | 24 feb. 99 | Walton. |
| Wright, Clarence T., 1 jun. 05. | 1 inf. | 21 nov. 18 | Carthage. |
| Young, Frederick G., 8 aug. 16. | 22 eng. m. c. | 26 jan. 18 | New York. |
| Yung, Fred, 30 sep. 85. | qm. 11 regt. | 14 jan. 90 | New York. |
| Zacharie, Charles Cowing, 28 oct. 15. | 10 inf. | 20 apr. 17 | White Plains. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|------------|------------|
| | Organisation in which last served | Date | |
| FIRST LIEUTENANTS, NATIONAL DEFENSE ACT, JUNE 30, 1916 | | | |
| Benson, Edward G., 13 aug. 17. | m. c. | 24 jul. 19 | Albany. |
| Fgioff, William J., 9 jun. 19. | inf. | 13 jun. 19 | Syracuse. |
| Hichman, Harold, 31 mar. 17. | q. m. c. | 31 jul. 16 | Albany. |
| Horsburgh, Walter W., 2 jun. 19. | inf. | 3 jun. 19 | Syracuse. |
| Johnson, William Arthur, 13 mar. 16. | 3 f. a. | 31 jul. 16 | Buffalo. |
| Keller, Charles, 13 mar. 19. | inf. | 14 mar. 19 | Buffalo. |
| McCabe, Edward M., 26 dec. 17. | inf. | 31 jul. 19 | Syracuse. |
| McDougall, Philip Sidney, 26 jun. 16. | 3 f. a. | 10 aug. 16 | Buffalo. |
| McEwen, Alex W., 15 may 13. | c. of c. | 2 apr. 17 | New York. |
| Malone, Paul, 13 sep. 10. | 65 inf. | 8 jun. 16 | Buffalo. |
| Morris, Edward Joseph, 25 may 14. | 23 inf. m. c. | 16 jun. 16 | Brooklyn. |
| Paddock, Howard P., 11 apr. 19. | ord. dept. | 12 apr. 19 | Albany. |
| Salisbury, Nathan F., 31 may 19. | inf. | 2 jun. 19 | Syracuse. |
| Story, George R., 30 dec. 19. | inf. | 9 oct. 19 | Norwich. |
| Sweet, Alonzo R., 18 mar. 19. | inf. | 19 mar. 19 | Cohoes. |
| Van Brakle, Herman, 30 mar. 19. | f. a. | 2 apr. 19 | Brooklyn. |
| Walton, Lester Roberts, 4 apr. 11. | 9 c. d. c. | 5 jun. 16 | New York. |
| Yund, Walter Charles, 19 jun. 16. | 2 inf. | 20 dec. 16 | Amsterdam. |

SECOND LIEUTENANTS

| | | | |
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| Acker, J. I., 13 jul. 18. | 2lt. 1 f. a. c. | 2 dec. 18 | New York. |
| Alman, Samuel, 19 jun. 16. | u. s. | 13 nov. 19 | Brooklyn. |
| Arnold, John Welles, 19 jun. 14. | 8 c. d. c. | 31 dec. 14 | New York. |
| Arnsperger, William, 3 aug. 17. | u. s. | 24 sep. 19 | Brooklyn. |
| Aton, Lawrence W., 11 dec. 17. | 4 inf. | 24 oct. 18 | |
| Atwater, Charles Anson, 31 jul. 11. | 3 inf. | 24 feb. 16 | New York. |
| Bagg, Egbert, 19 apr. 16. | 1 inf. | 30 oct. 17 | New York. |
| Bagley, Louis L., 25 jan. 07. | 9 inf. | 1 jun. 17 | New York. |
| Bancroft, Paul. | u. s. | 14 oct. 19 | Brooklyn. |
| Bandler, Harry S., 5 jun. 18. | 22 eng. | 11 nov. 19 | New York. |
| Banks, Robert A., 25 oct. 18. | 15 inf. | 12 jul. 19 | New York. |
| Barnett, Jerome, 14 nov. 17. | 14 inf. | 16 dec. 18 | New York. |
| Baxter, Robert L., 26 jun. 19. | 22 eng. | 14 nov. 19 | New York. |
| Bayer, Charles A., 13 sep. 18. | 8 c. d. c. | 19 nov. 19 | New York. |
| Becker, John J., 13 feb. 19. | 10 inf. | 22 sep. 19 | Albany. |
| Bennett, Bartlett R., 17 dec. 17. | 6 bat. | 25 mar. 19 | East Hampton. |
| Berger, Albert H., 28 dec. 18. | 8 c. d. c. | 30 dec. 19 | New York. |
| Berston, James L. | u. s. | 5 nov. 19 | Yonkers. |
| Bishop, Mortimer, 19 feb. 19. | 22 eng. | 14 nov. 19 | New York. |
| Bitroff, George Fred, Jr., 17 apr. 14. | 47 int. | 8 jul. 16 | New York. |
| Blanchfield, Frank. | u. s. | 16 dec. 19 | Salem. |
| Bogardus, Raymond H., 6 aug. 18. | 3 inf. | 19 jun. 19 | Penn Yan. |
| Bogert, Ovingington B., 6 may 98. | 14 inf. | 4 jun. 17 | Brooklyn. |
| Bond, Montcalm Dunham, 23 sep. 98. | 148 sep. co. | 17 dec. 98 | Oswego. |
| Boynton, Charles F. | | 17 aug. 17 | New York. |
| Brewster, Franklin, 26 jan. 18. | 1 cav. | 13 jun. 19 | Rochester. |
| Broderick, Leo H., 27 nov. 17. | u. s. | 6 feb. 19 | Watervliet. |
| Brokaw, George T., 11 dec. 17. | 71 inf. | 3 mar. 19 | New York. |
| Brown, Luke C. | u. s. | 23 sep. 19 | Ogdensburg. |
| Burch, Frank P., 16 nov. 17. | 74 inf. | 7 jun. 19 | Westfield. |
| Burchell, Henry Philip, 6 jun. 07. | 22 eng. | 13 jul. 17 | New York. |
| Burke, Frank Martin, 11 feb. 11. | 14 inf. | 4 jul. 16 | Brooklyn. |
| Burke, John H., 7 aug. 19. | u. s. | 31 jul. 19 | New York. |
| Burke, John J., 27 nov. 19. | u. s. | 19 nov. 19 | New Rochelle. |
| Burnham, Horatio B., 30 jan. 18. | 3 inf. | 29 aug. 19 | Wells. |
| Burns, Vincent G., 1 jun. 18. | u. s. | 18 nov. 19 | New York. |
| Cable, William Arthur, 20 dec. 90. | bty. A, f. a. | 26 apr. 17 | New York. |
| Cain, James J., 1 nov. 18. | u. s. | 2 sep. 19 | Cohoes. |
| Campion, James G., 17 aug. 18. | u. s. | 4 oct. 19 | New York. |
| Carnes, Odell D., 30 aug. 18. | | 29 aug. 19 | Pulaski. |
| Carney, Thomas A., 13 may 18. | u. s. | 27 oct. 19 | New York. |
| Carpenter, Fred, 13 may 08. | 114 sep. co. | 24 feb. 99 | Kingston. |
| Carpenter, William H., 20 jun. 19. | 13 c. d. c. | 10 nov. 19 | Brooklyn. |
| Case, Philip Francis, 8 aug. 16. | 23 inf. | 3 feb. 17 | Brooklyn. |
| Chambers, Albert Walter, 16 jun. 98. | 171 regt. | 6 jan. 99 | New York. |
| Chambers, James, 14 jul. 98. | 114 inf. | 10 dec. 98 | New York. |
| Chapman, Clarence C., 19 jun. 13. | 12 inf. | 28 mar. 19 | New York. |
| Codding, George M., 20 nov. 17. | 8 c. d. c. | 26 nov. 19 | New York. |
| Colburn, Arthur D., 22 mar. 16. | 74 inf. | 1 jul. 16 | Buffalo. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|--|-----------------------------------|------------|---------------|
| | Organization in which last served | Date | |
| SECOND LIEUTENANTS — Continued | | | |
| Coleman, Clinton B., 14 jun. 18. | 5 bat. | 29 aug. 19 | Saranac. |
| Collins, Edward F. | u. s. | 14 nov. 19 | Albany. |
| Conklin, Albert Lewis, Jr., 19 dec. 02. | c. a. c. | 11 nov. 16 | New York. |
| Cook, Douglas T., 30 sep. 18. | 1 f. a. | 24 jan. 19 | New York. |
| Craumer, Ernest W., 26 aug. 18. | u. s. | 1 dec. 19 | Patchogue. |
| Croffut, Thomas D., 3 feb. 96. | 13 inf. | 7 may 98 | Brooklyn. |
| Cromwell, James S., 3 aug. 16. | 3 inf d. b. | 24 jan. 18 | Medina. |
| Crowley, Patrick, 12 jul. 15. | 69 inf. | 29 jun. 16 | New York. |
| Curran, Thomas J., 16 sep. 18. | u. s. | 18 jul. 19 | New York. |
| Curtis, Raleigh T., 19 aug. 17. | u. s. | 30 dec. 19 | Troy. |
| Davidson, Harry J., 6 sep. 12. | 2 inf. | 24 mar. 17 | Troy. |
| Dawson, Woodson H., 22 dec. 13. | 22 eng. | 23 dec. 14 | New York. |
| Dennig, Charles Hovey, 17 may 98. | 144 sep. co. | 24 feb. 99 | New York. |
| Denison, Charles F., 1 nov. 18. | 22 eng. | 11 nov. 19 | New York. |
| Depp, Peter M., 10 jul. 16. | 14 inf. | 25 jun. 19 | New York. |
| Derrick, John J., 23 nov. 17. | 23 inf. | 17 dec. 19 | New York. |
| De Rouville, Herman H., 14 may 98. | 110 bat. | 15 mar. 99 | Albany. |
| Dillman, Frederick C., 28 oct. 08. | 14 inf. | 23 nov. 15 | Brooklyn. |
| Donavan, James E., 1 may 18. | u. s. | 13 dec. 19 | New York. |
| Donnatin, Louis W., 18 sep. 18. | 22 eng. | 14 nov. 19 | New York. |
| Doscher, William Stanley, 18 jun. 09. | 23 inf. | 27 jun. 16 | Brooklyn. |
| Doulon, Richard Joseph, 21 may 98. | 107 sep. co. | 10 dec. 98 | Cohoes. |
| Drew, Patrick Monahan, 2 aug. 93. | 69 inf. | 6 dec. 93 | Brooklyn. |
| Duffy, Charles G., 7 aug. 18. | 71 inf. | 25 aug. 19 | New York. |
| Duggan, Robert E., 5 jun. 18. | 69 inf. | 8 nov. 19 | New York. |
| Durkee, Frank W., 6 aug. 17. | 2 inf. | 1 may 19 | Gloversville. |
| Emmons, Earl H., 11 sep. 18. | 9 c. d. c. | 27 feb. 19 | New York. |
| Farley, Bernard F., 9 aug. 18. | u. s. | 8 dec. 19 | New York. |
| Feery, Denis J., 25 oct. 88. | 69 regt. | 6 dec. 93 | New York. |
| Finnerty, Charles F., 13 may 18. | u. s. | 29 oct. 19 | New York. |
| Fitts, Robert H., 11 aug. 18. | 8 c. d. c. | 11 jan. 19 | Moers, N. Y. |
| Fleming, Fred Covert, 19 apr. 16. | 23 inf. | 26 nov. 17 | Brooklyn. |
| Fletcher, William A., 19 aug. 17. | u. s. | 6 oct. 19 | Troy. |
| Foley, Patrick John, 29 jul. 98. | 131 sep. co. | 10 dec. 98 | Ilion. |
| Foster, Oscar R., 9 jul. 18. | 14 inf. | 23 apr. 19 | Brooklyn. |
| Fowler, Harold B., 13 dec. 18. | 8 c. d. c. | 25 aug. 19 | New York. |
| Foy, Glen C., 8 jan. 18. | 65 inf. | 29 aug. 19 | New York. |
| Framan, Murray J., 31 jan. 19. | u. s. | 27 oct. 19 | Brooklyn. |
| Furner, Ralph Herbert, 29 dec. 13. | 3 inf. | 30 oct. 14 | Rochester. |
| Gair, Russell A., 4 dec. 18. | 47 inf. | 20 dec. 19 | Brooklyn. |
| Gardner, William, Jr., 14 jun. 98. | 171 reg. | 27 jul. 98 | New York. |
| Gerhardt, Christian, 7 apr. 08. | 71 regt. | 15 jul. 16 | New York. |
| Gilbert, John M., 30 nov. 18. | 4 inf. | 11 nov. 19 | Wellsville. |
| Gillespie, Gardner, 20 jan. 19. | 12 inf. | 29 oct. 19 | New York. |
| Girdner, Claude L., 17 apr. 18. | 8 c. a. c. | 24 jan. 19 | New York. |
| Glahn, Roland D., 7 feb. 19. | 3 inf. | 21 aug. 19 | Syracuse. |
| Gleason, Andrew H., 10 may 17. | 10 inf. | 14 jul. 17 | Albany. |
| Goldstein, Louis, 20 nov. 17. | 47 inf. | 24 apr. 18 | Brooklyn. |
| Gonzales, Eugene Raymond, 10 may 98. | 47 inf. | 16 may 99 | Brooklyn. |
| Goodlove, Covert L., 3 feb. 19. | 1 f. a. | 6 jun. 19 | New York. |
| Gordon, Thomas C., 25 oct. 17. | 3 inf. | 29 sep. 19 | Brockport. |
| Gott, Thomas E., 15 jul. 18. | 65 inf. | 29 sep. 19 | Waraw. |
| Granger, Edward Ross, 11 mar. 14. | 1 f. a. | 23 jun. 17 | Manlius. |
| Green, George E., 26 apr. 02. | 9 c. d. c. | 13 sep. 15 | New York. |
| Greene, Frank, 20 jul. 16. | 2 f. a. | 19 may 19 | Brooklyn. |
| Gubs, Theodore F., 5 sep. 17. | 9 c. d. c. | 28 feb. 18 | New York. |
| Hagan, Walter F., 13 jun. 19. | 22 eng. | 22 nov. 19 | New York. |
| Hally, Edward J., 25 oct. 17. | 3 inf. | 29 aug. 19 | Soyea. |
| Hamilton, Arthur Augustus, 26 may 98. | 112 sep. co. | 10 dec. 98 | Troy. |
| Hamilton, Walter G., 20 nov. 17. | 1 inf. | 25 mar. 19 | Haverstock. |
| Hamilton, Wells, 6 jul. 98. | 114 inf. | 10 dec. 98 | Brooklyn. |
| Harrica, Charles W., 8 apr. 18. | 5 bat. | 29 sep. 19 | Chateaugay. |
| Haasebauer, Harry J., 23 apr. 13. | 22 eng. | 23 dec. 14 | New York. |
| Haughton, Harold F., 25 nov. 18. | 1 f. a. | 23 may 19 | New York. |
| Hazel, George A., 18 oct. 17. | 1 f. a. | 17 may 18 | New York. |
| Helwig, Herbert A., aug. 1918. | u. s. | 27 dec. 19 | Martinsville. |
| Hemingway, Marshall Freeman, 15 jul. 98. | 121 sep. co. | 10 dec. 98 | Troy. |
| Higgins, William F. J., 7 jul. 15. | 9 c. d. c. | 7 jul. 15 | New York. |
| Himrod, Edwin Hanford, 29 jun. 98. | 114 inf. | 10 dec. 98 | Brooklyn. |
| Hobart, George H., 1 jul. 18. | 3 inf. | 27 feb. 19 | Morton. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|---|-----------------------------------|------------|-------------------|
| | Organization in which last served | Date | |
| SECOND LIEUTENANTS — Continued | | | |
| Hollers, Carl H. B., 6 jun. 98..... | 108 inf. | 22 dec. 98 | Havana, Cuba. |
| Hones, William, Jr., 5 feb. 15..... | 1 inf. | 11 July 17 | |
| Hubbard, Edward J..... | u. s. | 26 sep. 19 | Troy. |
| Humphrey, Howard R..... | u. s. | 11 jun. 19 | |
| Ingles, John C., 23 mar. 18..... | 2 inf. | 25 mar. 19 | Whitehall. |
| Inselman, Henry C., 25 oct. 18..... | 69 inf. | 8 nov. 19 | New York. |
| Jackson, Elwood A., 10 dec. 18..... | 15 inf. | 17 Jul. 19 | Brooklyn. |
| Jaeger, Adam B..... | | 21 sep. 17 | New York. |
| Johnson, J. Rosamond, 16 oct. 18..... | 15 inf. | 9 jun. 19 | New York. |
| Jones, Fred W., 14 jun. 17..... | Sq. A. | 27 feb. 18 | New York. |
| Keegan, Joseph James, 1 Jul. 13..... | 69 inf. | 26 oct. 17 | New York. |
| Kelly, Alfred F., 27 may 18..... | u. s. | 24 oct. 19 | New York. |
| Kenny, John Adams, 4 jun. 98..... | 110 bat. | 15 mar. 99 | No. Yakima, Wash. |
| Knapp, John Thomas, 14 may 98..... | 103 sep. co. | 24 feb. 99 | New York. |
| Krancher, Leonard G., 13 feb. 19..... | 6 btn. | 25 mar. 19 | Greenport. |
| Kyle, James Orr, 7 June 04..... | 71 inf. | 8 July 16 | New York. |
| Lahens, Louis Emile, 13 feb. 12 (bvt. 1st lt.) | 7 inf. | 21 June 16 | New York. |
| Landon, Le Roy M., 27 dec. 17..... | 3 f. a. | 20 may 18 | New York. |
| Lang, James W., 15 aug. 17..... | u. s. | 21 aug. 19 | Brooklyn. |
| Laughlin, Frank Dunlap, 31 aug. 98..... | 109 regt. | 22 dec. 98 | New York. |
| Lind, Harold W., 25 may 18..... | u. s. | 17 sep. 19 | Brooklyn. |
| Livingston, Duncan McR., 30 apr. 98..... | 8 regt. | 22 dec. 98 | New York. |
| Loomis, Josiah R., 21 aug. 18..... | u. s. | 13 mar. 19 | Woodlawn. |
| Lord, George M., 13 dec. 18..... | 8 c. d. c. | 29 dec. 19 | New York. |
| Ludlum, Nathaniel B., 11 dec. 03..... | 65 regt. | 27 July 16 | Buffalo. |
| Lund, Charles Joseph, 4 June 98..... | 101 sep. co. | 26 dec. 98 | Rochester. |
| Lynch, William J. T., 31 Jul. 16..... | 23 inf. | 26 nov. 17 | Brooklyn. |
| McAnerney, John, 3 June 18..... | u. s. | 28 nov. 19 | Garden City. |
| McCarthy, Morgan, 9 oct. 18..... | u. s. | 14 nov. 19 | Tienderoga. |
| McDermont, William C., 11 oct. 17..... | 3 inf. | 3 nov. 19 | Ogdensburg. |
| McKeever, Isaac C., 31 aug. 98..... | 112 inf. | 22 Jan. 99 | New York. |
| McLoud, Paul, 22 sep. 11..... | 1 f. a. | 27 June 16 | Binghamton. |
| McMahon, Austin, John, 3 June 98..... | 141 sep. co. | 17 dec. 98 | Syracuse. |
| McManus, Terence Belleau, 30 June 00..... | 71 regt. | 6 may 16 | New York. |
| McPherson, Richard C., 25 oct. 18..... | 15 inf. | 12 July 19 | New York. |
| Magee, George William, 4 Aug. 14..... | 69 inf. | 9 oct. 17 | New York. |
| Magee, Walter Charles, 11 mar. 92..... | 69 regt. | 6 dec. 93 | New York. |
| Manley, Arthur Lindley, 26 mar. 95..... | 26 sep. co. | 21 June 97 | Elmira. |
| Mann, Ellery W., 20 Jan. 14..... | 22 eng. | 23 dec. 14 | New York. |
| Mann, Jacob, — mar. 1918..... | u. s. | 28 aug. 19 | Brooklyn. |
| Mannie, George A., 9 Jan. 19..... | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Martin, Isaac S., 5 dec. 16..... | 12 inf. | 2 dec. 19 | New York. |
| Martin, Theodore, 18 dec. 17..... | 14 inf. | 9 June 19 | Brooklyn. |
| Mayer, Wyatt T., 14 June 17..... | 10 inf. | 2 mar. 18 | Albany. |
| Mentzinger, William F., 13 feb. 19..... | 13 c. d. c. | 11 oct. 19 | Brooklyn. |
| Merrill, Leon A..... | | 23 oct. 17 | New York. |
| Mets, Claude L., 15 oct. 18..... | 10 inf. | 30 dec. 19 | Albany. |
| Miller, Clinton E., 14 June 17..... | 3 inf. | 1 mar. 18 | Auburn. |
| Miller, Harry N., 11 June 18..... | 74 inf. | 26 nov. 19 | Buffalo. |
| M'Isaac, George A., 14 Aug. 16..... | u. s. | 5 sep. 19 | Buffalo. |
| Moore, Leon C., 13 feb. 19..... | 6 btn. | 25 mar. 19 | Patchogue. |
| Mowat, Sydney S., 2 Aug. 18..... | 47 inf. | 25 aug. 19 | Brooklyn. |
| Mullen, William Joseph, 20 Jan. 09..... | 14 regt. | 5 July 16 | Brooklyn. |
| Munniger, Peter I..... | 13 c. d. c. | 19 may 19 | |
| Nicholson, Harry F., 11 June 18..... | 13 c. d. c. | 10 sep. 19 | Brooklyn. |
| Norton, Thomas J., 11 Nov. 19..... | u. s. | 14 oct. 19 | Troy. |
| Oatting, Walter H..... | u. s. | 27 oct. 19 | Schenectady. |
| Osborne, Charles D., 2 may 17..... | u. s. | 8 oct. 19 | Auburn. |
| O'Shaughnessy, Charles Lawrence, 9 Jun. 15..... | 69 inf. | 11 Jul. 16 | Buffalo. |
| O'Sullivan, Mortimer McCarthy, 30 Apr. 98..... | 65 inf. | 15 mar. 00 | New York. |
| Packer, Leo D., 30 Nov. 18..... | 4 inf. | 7 mar. 19 | Groton. |
| Parenteau, Maxine John, 11 Jan. 10..... | 12 inf. | 25 feb. 16 | New York. |
| Paret, Frank Murray, 31 Aug. 98..... | 109 regt. | 22 dec. 98 | New York. |
| Parker, Marco S., 11 dec. 17..... | 7 inf. | 1 Nov. 18 | New York. |
| Pashley, Arthur W., 16 July 18..... | u. s. | 15 Oct. 19 | Brooklyn. |
| Pereira, Percival R., 24 Jan. 18..... | 14 inf. | 13 Nov. 18 | |
| Phelps, William G., 30 Jan. 18..... | 4 inf. | 28 May 19 | Binghamton. |

RESERVE OFFICERS — (Continued)

| NAME, GRADE AND DATE OF RANK | TO RESERVE LIST | | Residence |
|---|-----------------------------------|------------|--------------------|
| | Organization in which last served | Date | |
| SECOND LIEUTENANTS — Continued | | | |
| Phillips, Arthur W., 16 sept. 18..... | u. s. | 10 feb. 19 | New York. |
| Pinkney, Cornelius S., 11 sept. 18..... | 1 f. a. | 7 july 19 | New York. |
| Pink, George Albert, 22 may 14..... | 47 inf. | 17 may 16 | Brooklyn. |
| Pitta, Clarence Elwyn, 25 nov. 10..... | 3 inf. | 20 oct. 15 | Oswego. |
| Polhemus, Robert F., 28 feb. 18..... | 1 inf. | 29 aug. 19 | New York. |
| Potter, Joseph Boies, 24 may 98..... | 109 sep. co. | 10 dec. 98 | Whitehall. |
| Pound, George W., 28 dec. 01..... | 65 inf. | 22 jan. 18 | Buffalo. |
| Purdy, James G., 17 dec. 17..... | 23 inf. | 30 dec. 19 | Ossining, N. Y. |
| Reagan, Michael Joseph, 26 jul. 04..... | 10 inf. | 19 may 14 | New York. |
| Reidy, Michael Edward, 27 mar. 14..... | 69 inf. | 6 nov. 16 | New York. |
| Reutershan, Carl H., 17 apr. 18..... | 6 btn. | 25 mar. 19 | East Hampton. |
| Reynolds, Robert Edward Lee, 14 may 98..... | 146 sep. co. | 10 dec. 98 | Amsterdam. |
| Rhineland, Thomas J., 11 oct. 19..... | 9 c. d. c. | 2 oct. 19 | New York. |
| Rieh, Albert Edward, 25 sep. 90..... | 13 regt. | 17 dec. 92 | New York. |
| Richard, Walter L., 16 jan. 18..... | 9 c. d. c. | 3 feb. 19 | New York. |
| Riggs, Sidney W., 7 may 18..... | u. s. | 26 aug. 19 | Syracuse. |
| Roarick, Leon R., 7 nov. 17..... | 10 inf. | 28 apr. 19 | Cobleskill. |
| Roberts, George Eleaser, 26 jul. 98..... | 108 sep. co. | 17 dec. 98 | Rochester. |
| Robertson, Alfred Chester, 20 feb. 08..... | 71 inf. | | New York. |
| Robertson, Charles W., 22 aug. 16..... | 74 inf. | 24 jan. 18 | |
| Robinson, Carl, 8 aug. 17..... | 1 f. a. | 29 may 18 | Johnson City. |
| Robinson, Edward Augustus, 12 jul. 98..... | 120 sep. co. | 24 feb. 99 | Binghamton. |
| Robinson, Edward Heaword, 24 may 98..... | 137 sep. co. | 10 dec. 98 | Detroit, Mich. |
| Rockey, Howard P..... | 71 inf. | 26 nov. 19 | Brooklyn. |
| Rockwell, Leon H., 1 june 18..... | u. s. | 24 sep. 19 | Norwich. |
| Rogers, John, 8 oct. 17..... | 9 c. a. c. | 24 jan. 18 | New York. |
| Rosboro, Herbert Graner, 3 may 16..... | 1 cav. | 9 jun. 17 | Albany. |
| Rowell, Edwin Lewis, 21 may 98..... | 133 sep. co. | 24 feb. 99 | Walton. |
| Russell, Thomas F., 3 feb. 19..... | 1 f. a. | 12 jul. 19 | New York. |
| Sage, Edward E., 10 jan. 84..... | 7 regt. | 28 apr. 16 | New York. |
| Santee, Ellis Monroe, 10 apr. 93..... | 45 sep. co. | 6 dec. 93 | Cortland. |
| Scharlin, Bernard, 20 june 19..... | 1 f. a. | 20 jun. 19 | New York. |
| Scheff, Bertram Rogers, 14 june 98..... | 171 regt. | 3 jan. 99 | New York. |
| Schenck, John V..... | u. s. | 10 may 19 | New York. |
| Schoch, James G., 3 feb. 19..... | 1 f. | 23 apr. 19 | New York. |
| Schwab, Gustav, 3 dec. 18..... | u. s. | 15 nov. 19 | New York. |
| Scott, Lester F., 25 oct. 13..... | 9 c. d. c. | | New York. |
| Shaw, Edward R., 1 july 98..... | 165 regt. | 22 dec. 98 | Buffalo. |
| Sheehy, Timothy, 27 nov. 17..... | u. s. | 30 jan. 19 | Albany. |
| Shields, William R., 1 june 18..... | u. s. | 10 nov. 19 | New York. |
| Shoemaker, Richard, 20 oct. 19..... | 13 c. d. c. | 20 oct. 19 | Brooklyn. |
| Slater, Lucius S. L., 30 dec. 04..... | 10 inf. | 16 may 17 | Newark, N. J. |
| Sleezer, J. Orville, 7 aug. 17..... | 2 inf. | 10 jun 19 | Amsterdam. |
| Slover, Walter L., 20 nov. 18..... | 2 inf. | 19 aug. 19 | Schenectady. |
| Sly, Hiram Belden, 10 aug. 98..... | 130 sep. co. | 17 dec. 98 | Newtonville, Mass. |
| Smith, Charles Teller, 3 june 98..... | 171 regt. | 3 jan. 99 | New York. |
| Smith, Frank B., 17 apr. 18..... | 6 btn. | 25 mar. 19 | East Hampton. |
| Smith, Frederick Crocker, 5 aug. 98..... | 143 sep. co. | 17 dec. 98 | Port Arthur, Tex. |
| Smith, Richard, 18 aug. 17..... | 7 inf. | 17 dec. 17 | New York. |
| Smith, Sanford Edward, 18 may 10..... | 71 inf. | 9 aug. 16 | New York. |
| Snook, Daniel P., 21 jan. 91..... | 13 regt. | 17 may 92 | Brooklyn. |
| Sorensen, Thomas H., 28 aug. 19..... | 4 inf. | 7 mar. 19 | Penn Yan. |
| Spencer, James A., 8 jan. 14..... | 1 inf. | 1 feb. 18 | Gouverneur. |
| Spicer, Claude, 19 apr. 18..... | u. s. | 21 may 19 | Auburn. |
| Spring, William H., 25 jan. 18..... | u. s. | 11 june 19 | Binghamton. |
| Steinbrugge, Marcel, 10 may 18..... | 1 f. a. | 25 nov. 18 | New York. |
| Stephens, Charles Harry, 2 aug. 17..... | 47 inf. | 19 oct. 17 | New York. |
| Stewart, Thomas, 12 aug. 98..... | 108 regt. | 22 dec. 98 | New York. |
| Stockham, Joseph Godfrey, 12 nov. 14..... | 23 inf. | 26 jan. 16 | Brooklyn. |
| Stonehouse, Roger H., 17 oct. 17..... | q. m. c. | 15 apr. 19 | Albany. |
| Stout, Allen D., 27 mar. 18..... | 3 inf. | 4 sep. 19 | Auburn. |
| Sullivan, Thomas A..... | u. s. | 27 oct. 19 | |
| Sutherland, Francis W., 17 nov. 18..... | u. s. | 12 may 19 | New York. |
| Throop, George Enos, 20 jan. 99..... | 112 regt. | 24 jan. 99 | New York. |
| Tierney, Dennis G., 24 oct. 98..... | 105 sep. co. | 24 feb. 99 | Ridgewood, L. I. |
| Timony, Arthur K., 19 july 98..... | 169 regt. | 24 feb. 99 | New York. |
| Tobey, Henry E., 3 apr. 19..... | 13 c. d. c. | 23 apr. 19 | Brooklyn. |
| Tompkins, Walter A., 11 june 18..... | 1 inf. | 19 nov. 19 | New York. |
| Torborg, John George, 21 may 98..... | 13 inf. | 23 nov. 98 | Brooklyn. |

RESERVE OFFICERS — (Concluded)

| NAME, GRADE AND DATE OF RANK | To Reserve List | | Residence |
|---|-----------------------------------|-------------|-----------------------|
| | Organization in which last served | Date | |
| SECOND LIEUTENANTS — Concluded | | | |
| Townsend, Franklin, 14 jun. 17..... | 10 inf..... | 30 nov. 17 | Albany. |
| Tsacoonas, Demos, 18 July 18..... | 1 m. g. co..... | 6 jun. 19 | Pine Plains. |
| Tucker, Carl E., 15 feb. 01..... | 3 inf..... | 21 jan. 08 | Niagara Falls. |
| Turner, Edmund T., 21 June 18..... | 6 bta..... | 25 mar. 19 | Southampton. |
| Turner, Harold M., 3 feb. 19..... | 1 f. a..... | 23 apr. 19 | New York. |
| Tybring, Charles W., 14 Mar. 19..... | 1 f. a..... | 14 July 19 | New York. |
| Udyke, Hiram, 30 Jan. 18..... | 4 inf..... | 20 oct. 19 | Elmira. |
| Wade, Alfred Byers, 30 dec. 08..... | 7 inf..... | 4 jun. 17 | New York. |
| Wall, William H., 17 dec. 17..... | 1 d. q. e., cav..... | 4 dec. 18 | Rochester. |
| Wallau, Alex L., 18 sep. 18..... | 22 engr..... | 7 nov. 19 | New York. |
| Walsh, Edward D., 26 oct. 17..... | 1 inf..... | 25 mar. 19 | Brooklyn. |
| Walsh, James A., 19 oct. 18..... | u. s..... | 6 June 19 | New York. |
| Ward, Theodore Hackett, 7 mar. 08..... | 12 regt..... | 13 sep. 16 | New York. |
| Warner, Robert Louis Livingston, 27 feb. 08..... | 47 regt..... | 29 June 16 | Brooklyn. |
| Warrick, Stanley Cummings, 17 jun. 98..... | 102 sep. co..... | 17 dec. 98 | West Palm Beach, Fla. |
| Waters, Patrick J., 4 dec. 17..... | u. s..... | 22 oct. 19 | New York. |
| Watson, Eugene A. H., 25 June 17..... | 1 m. b..... | 27 oct. 17 | New York. |
| Whelan, Charles Thomas, 17 Jan. 07..... | 3 inf..... | 16 June 17 | Auburn. |
| White, Walter F., 30 Jan. 18..... | 5 bn..... | 11 sept. 18 | New York. |
| Whitlatch, Russell W., 13 Jul 05..... | 1 f..... | 23 July 17 | New York. |
| Will, Carl F., 7 Aug. 16..... | 74 inf..... | 24 Jan. 18 | New York. |
| Williams, Remsen T., 14 Mar. 18..... | 14 inf..... | 31 dec. 19 | New York. |
| Wilson, Alanson B., 29 Oct. 08..... | 7 inf..... | 19 Jan. 18 | New York. |
| Wolcott, E. Clinton, 20 Dec. 18..... | 1 cav..... | 13 June 19 | Rochester. |
| Wolstenholme, Alfred J., 5 July 98..... | 165 regt..... | 22 Dec. 98 | Buffalo. |
| Wood, Charles C., 29 Oct. 19..... | u. s. a..... | 3 mar. 19 | Troy. |
| Young, Daniel Francis, Jr., 13 Sep. 07..... | 13 c. d. o..... | 26 July 17 | New York. |
| Young, Oliver, Curtiss, 8 Sep. 15..... | 65 inf..... | 23 mar. 16 | Buffalo. |
| Zier, Calvin Valentine, 1 July 11..... | 47 inf..... | 8 July 16 | Brooklyn. |
| SECOND LIEUTENANTS, NATIONAL DEFENSE ACT, JUNE 30, 1916 | | | |
| Albro, Preston Maurice, 22 May 16..... | 65 inf..... | 18 July 16 | Buffalo. |
| Barnum, Charles H., 7 Dec. 11..... | 23 inf..... | 7 July 16 | Brooklyn. |
| Klock, Karl T., 17 Mar. 19..... | 2 inf..... | 21 mar. 19 | Syracuse. |
| Innes, William Henry, 20 Apr. 16..... | 2 inf..... | 7 July 16 | Scotia. |
| Steger, Charles Frederick, 16 June 14..... | 65 inf..... | 6 July 16 | Buffalo. |
| Stone, Steven Grant, 12 Jan. 16..... | 9 c. d. o..... | 10 Oct. 16 | New York. |
| CHAPLAINS | | | |
| Bradshaw, Archibald Harmon, 1 Sep. 98..... | 171 inf..... | 3 Jan. 99 | New York. |
| Clark, John L., 2 Jan. 18..... | 13 c. d. s..... | 10 Nov. 19 | Brooklyn. |
| Scovill, Chas. B., 21 Aug. 18..... | 71 inf..... | 17 Dec. 19 | New York. |
| Silver, Horace P., 10 Dec. 18..... | 1 f. a..... | 31 July 19 | New York. |
| Thompson, Walter E., 8 April 18..... | 47 inf..... | 27 Oct. 19 | Brooklyn. |
| Wadsworth, George, 18 Jan. 16..... | inf..... | 25 Sep. 19 | Troy. |
| CHAPLAINS, NATIONAL DEFENSE ACT, JUNE 30, 1916. | | | |
| McCaffrey, Charles, 14 Dec. 03..... | 1 inf..... | 30 June 16 | Oneonta. |

RETIRED OFFICERS

Brigadier General

Louis L. Babcock, 4th Brigade, April 18, 1919.

Colonels

Henry C. Barthman, 47th Infantry, March 14, 1919.

Louis J. Praeger, 23d Infantry, November 28, 1919.

Lieutenant Colonels

Daniel S. Burr, surgeon, 1st Infantry, March 25, 1907.

Majors

Henry D. McCutcheon, 47th Infantry, March 19, 1919.

Edmund D. McCarthy, A. G. D., April 18, 1919.

George C. Diehl, Engineers, April 18, 1919.

Lee H. Smith, M. C., April 18, 1919.

George J. Metzger, Engineers (N. G. R.), November 18, 1919.

Philip E. Reville, 69th Infantry, May 16, 1918.

Captains

William G. Mayer, 10th Infantry, April 16, 1919.

Louis A. Butler, 23d Infantry, November 28, 1919.

Charles H. Barnum, 23d Infantry, December 12, 1919.

Walter L. Suydam, 9th C. A. C., November 15, 1917.

John A. Anderson, Reserve List, July 31, 1918.

Second Lieutenants

Alexander R. Thompson, 9th C. A. C., February 28, 1918.

DETAILED

Major Edwin W. Moore, detailed as Aide Governor's Staff, January 15, 1918.

Second Lieutenant Harold C. Townson, detailed as Aide Commanding General, New York Guard Staff, January 16, 1918.

Second Lieutenant Richard N. Gambrill, detailed as Aide Commanding General, New York Guard Staff, January 28, 1918.

Captain John K. Green, retired to 7th Infantry, February 20, 1918.

Second Lieutenant Alexander R. Thomson, retired to 9th Coast Artillery Corps, March 29, 1918.

Lieutenant Colonel Howard C. Smith, Acting Chief of Staff Division, October 24, 1918.

Major Louis C. Trimble, Acting Inspector General, Division, October 24, 1918.

Captain Frank E. Davidson, Reserve List, to 9th Coast Artillery Corps, November 18, 1918.

Major Frederic N. Whiteley, Inspector General's Department, to Second Brigade, November 18, 1918.

Second Lieutenant William Heath, Reserve List, detailed to 10th Infantry, December 2, 1918.

Major James Eben, Reserve List, detailed to Arsenal, December 2, 1918.

Captain Hayden J. Bates, Reserve List, detailed to Arsenal, December 2, 1918.

Major Harry S. Richmond, detailed as Assistant Chief of Staff Division, December 11, 1918.

First Lieutenant Leslie D. Stickle, Reserve List, detailed to 71st Infantry, December 23, 1918.

Major Frank J. Foley, Reserve List, to New York Guard, Division, January 10, 1919.

First Lieutenant, Charles F. LaTour, 69th Infantry, to Aide Governor's Staff, January 27, 1919.

Captain George F. Rugge, Quarter Master's Corps, to Division New York Guard, February 27, 1919.

Captain Robert H. Wilder, Reserve List, to 9th Coast Defense Corps, February 28, 1919.

Major Charles H. Newman, Adjutant General's Department, Second Brigade, March 6, 1919.

Major Frank J. Foley, National Guard Reserve to 1st Brigade, March 29, 1919.

General James W. Lester, Reserve List, to 3d Brigade, April 30, 1919.

Major John S. Thompson, Reserve List, to 2d Infantry, May 20, 1919.

Major Samuel H. Merrill, Reserve List, to 3d Infantry, May 20, 1919.

Captain James Riffe, Reserve List, to 3d Infantry, May 20, 1919.

Captain George A. Elliott, Reserve List, to 3d Infantry, May 20, 1919.

First Lieutenant Edwin M. Roberts, Reserve List, to 3d Infantry, May 20, 1919.

First Lieutenant Ezra A. Barnes, Reserve List, to 3d Infantry, May 20, 1919.

Captain Frederick S. Johnston, Reserve List, to 3d Infantry, May 24, 1919.

First Lieutenant Archie Lee Blades, Reserve List, to 3d Infantry, May 24, 1919.

Lieutenant Colonel John McGaffin, Reserve List, to 2d Infantry, June 6, 1919.

Second Lieutenant J. Orville Slesner, Reserve List, to 2d Infantry, June 10, 1919.

Captain Patrick J. Rooney, Reserve List, to 69th Infantry, June 13, 1919.

Detailed — Continued

Captain Sylvester A. Dineen, Reserve List, to 69th Infantry, June 13, 1919.
 Second Lieutenant William Heath, Reserve List, to 10th Infantry, June 13, 1919.
 Captain Foster G. Hetzel, Reserve List, to 14th Infantry, June 23, 1919.
 Captain Herbert B. Laux, Reserve List, to 74th Infantry, June 23, 1919.
 Major Carl Loebe, Reserve List, to 1st Infantry, June 23, 1919.
 Second Lieutenant Peter M. Depp, Reserve List, to 14th Infantry, July 11, 1919.
 First Lieutenant Louis P. Janne, Reserve List, to 1st Field Artillery, July 14, 1919.
 Colonel Thomas Crimmins, Reserve List, to Division Headquarters, July 14, 1919.
 Major Thomas C. Collin, Reserve List, to 2d Infantry, July 15, 1919.
 First Lieutenant John C. Hootor, Reserve List, to 69th Infantry, July 30, 1919.
 Second Lieutenant Thomas J. Curran, Reserve List, 69th Infantry, July 30, 1919.
 Captain Arthur Talbot, Reserve List, to 7th Infantry, July 31, 1919.
 Captain Gordon H. Grant, Reserve List, to 7th Infantry, July 31, 1919.
 Lieutenant Colonel Alex E. Anderson, Reserve List, to 69th Infantry, August 1, 1919.
 Major Martin H. Meaney, Reserve List, to 69th Infantry, August 1, 1919.
 Second Lieutenant John H. Burke, Reserve List, to 69th Infantry, August 7, 1919.
 Major Philip Cooper, Reserve List, to 3d Infantry, August 13, 1919.
 Major Holger Andreason, Reserve List, to 2d Infantry, August 19, 1919.
 Captain Frederic A. Knowles, Reserve List, to 2d Infantry, August 19, 1919.
 First Lieutenant Joseph H. W. Taylor, Reserve List, to 2d Infantry, August 19, 1919.
 Second Lieutenant Walter L. Slover, Reserve List, to 2d Infantry, August 19, 1919.
 Major Samuel H. Merritt, Reserve List, to 3d Infantry, August 19, 1919.
 Captain Frederick S. Johnson, Reserve List, to 3d Infantry, August 19, 1919.
 First Lieutenant Cornelius R. Johnson, Reserve List, to 2d Infantry, August 20, 1919.
 First Lieutenant Julius C. Lorentsen, Reserve List, to 9th Coast Defense Corps, August 25, 1919.
 Lieutenant Colonel Thomas C. Collin, Reserve List, to 2d Infantry, September 3, 1919.
 Major John S. Thompson, Reserve List, to 3d Infantry, September 4, 1919.
 Captain Charles W. Vickers, Reserve List, to 13th Coast Defense Corps, September 4, 1919.
 First Lieutenant Edwin M. Roberts, Reserve List, to 3d Infantry, September 4, 1919.
 Second Lieutenant Claude H. Spicer, Reserve List, to 3d Infantry, September 4, 1919.
 Captain Frederick A. Thiesen, Reserve List, to 2d Infantry, September 15, 1919.
 Captain George E. Fahys, Jr., Reserve List, to 23d Infantry, September 30, 1919.
 Captain Arthur T. Smith, Reserve List, to 3d Infantry, October 1, 1919.
 Second Lieutenant T. J. Oakley Rhinelanders, to 9th Coast Defense Corps, October 11, 1919.
 Captain Robert H. Wilder, Reserve List, to 9th Coast Defense Corps, October 11, 1919.
 Second Lieutenant Harold W. Lind, Reserve List, to 14th Infantry, October 11, 1919.
 Second Lieutenant George Pauli, Quarter Master's Corps, to Inspector General's Department, October 11, 1919.
 Captain Ellis A. Robertson, 71st Infantry, to Inspector General's Department, October 14, 1919.

Major William M. Donnelly, Reserve List, to 69th Infantry, October 15, 1919.
 First Lieutenant Lawrence J. Homan, Reserve List, to 69th Infantry, October 15, 1919.
 Second Lieutenant William A. Fletcher, Reserve List, to Second Infantry, October 18, 1919.
 Captain Paul G. Thebaud, Reserve List, to 9th Coast Defense Corps, October 20, 1919.
 Captain Geoffrey J. O'Flynn, Reserve List, to 69th Infantry, October 20, 1919.
 Captain John J. Byron, Reserve List, to 14th Infantry, October 23, 1919.
 Captain Christian Mathiesen, Reserve List, to 1st Cavalry, October 24, 1919.
 Captain Herbert J. Brotheridge, Reserve List, to 1st Cavalry, October 24, 1919.
 Lieutenant Colonel Emanuel Giddings, Reserve List, Medical Corps, to 22d Engineers, October 24, 1919.
 Major Henry D. Bagnall, Reserve List, to 74th Infantry, October 29, 1919.
 Captain George Hughes, Reserve List, to 2d Infantry, October 29, 1919.
 Major Elmer H. Ormsby, Reserve List, to 2d Infantry, October 29, 1919.
 First Lieutenant Frank P. Fitzgerald, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Edward Hubbard, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Charles C. Wood, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Murray J. Framan, Reserve List, to 14th Infantry, October 30, 1919.
 Captain Joseph P. Healey, Reserve List, to 9th Infantry, October 31, 1919.
 Second Lieutenant Thomas H. Sullivan, Reserve List, 69th Infantry, October 31, 1919.
 Captain William H. Ferguson, Reserve List, to Adjutant General's Office, October 1, 1919.
 Major William R. Wright, Reserve List, to Division, November 5, 1919.
 Captain James C. Callaway, Reserve List, to 3d Infantry, November 11, 1919.
 Second Lieutenant Thomas J. Norton, Reserve List, to 2d Infantry, November 11, 1919.
 Captain George W. Peppard, Quarter Master's Corps, to Inspection, November 12, 1919.
 Captain Edgar C. Niles, Reserve List, to Inspection, November 12, 1919.
 Captain Clarence E. Newman, Reserve List, to Inspection, November 12, 1919.
 Captain George E. Dunsbaugh, Reserve List, to Inspection, November 12, 1919.
 Major Frederick M. Waterbury, Reserve List, to Division, November 13, 1919.
 Captain Bion L. Green, to Reserve List, 3d Infantry, November 13, 1919.
 Captain Lennox C. Brennan, Reserve List, to Division, November 14, 1919.
 Captain York W. Brennan, Reserve List, to Division, November 15, 1919.
 Captain Lawrence J. Gorman, Reserve List, to Signal Corps, November 17, 1919.
 Captain Frederick A. Taylor, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Henry R. Berning, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Daniel Wolff, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Morris K. Parker, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Walter F. A. Brown, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Charles C. Tough, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Robert G. Schaefer, Reserve List, to 22d Engineers, November 17, 1919.
 Captain William P. Seaver, Reserve List, to 22d Engineers, November 17, 1919.

Detailed — Concluded

- Captain Joseph V. Guilfoyle, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant LeRoy T. Brown, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Lee P. Muckenfuss, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Robert L. Schuyler, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Warren C. Fielding, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Robert L. Baxter, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Charles F. Denison, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Mortimer Bishop, Reserve List, to 22d Engineers, November 17, 1919.
 Major Gilbert V. Schenck, Reserve List, to Inspection, November 18, 1919.
 Captain Reynolds K. Townsend, Reserve List, to Inspection, November 18, 1919.
 Captain Ralph L. Baldwin, Reserve List, 1st Infantry, November 19, 1919.
 Second Lieutenant John H. Burke, Reserve List, to 69th Infantry, November 26, 1919.
 Lieutenant Colonel Jefferson B. Latta, Reserve List, to 4th Ambulance Company, November 29, 1919.
 Major Joseph A. S. Mundy, Ordnance Department, to Division, December 2, 1919.
 Captain George F. Rugge, Quarter Master's Corps, to 10th Infantry, December 3, 1919.
 Lieutenant Colonel Thomas C. Collins, Reserve List, to 2d Infantry, December 3, 1919.
 Captain Frederick A. Knowles, Reserve List, to 2d Infantry, December 3, 1919.
 First Lieutenant James H. W. Taylor, Reserve List, to 2d Infantry, December 3, 1919.
 Second Lieutenant Walter A. Slover, Reserve List, to 2d Infantry, December 3, 1919.
 Captain Clarence H. Bobb, Reserve List, to 22d Engineers, December 4, 1919.
 Captain Edward Raldiris, Reserve List, to 2d Field Artillery, December 6, 1919.
 Captain George C. Hart, 71st Infantry, to Division, December 10, 1919.
 Second Lieutenant Samuel Alman, Reserve List to 13th Coast Defense Corps, December 11, 1919.
 Second Lieutenant John McAnerney, 2d Reserve List, to 69th Infantry, December 16, 1919.
 Second Lieutenant Bernard Farley, Reserve List to 69th Infantry, December 17, 1919.
 Captain William D. Baker, Reserve List, to 2d Infantry, December 24, 1919.
 First Lieutenant Joseph L. Forget, Reserve List, to 2d Infantry, December 29, 1919.
 Second Lieutenant James J. Cain Reserve List, to 2d Infantry, December 29, 1919.
 Major Phillip Cooper, Medical Corps, Reserve List to 3d Infantry, December 29, 1919.

RELIEVED

- Captain Frank C. Herriman Reserve List, Medical Corps, from 23d Infantry January 22 1918.
 First Lieutenant John C. Skinners Reserve List from 3d Field Artillery, January 22, 1918.
 First Lieutenant Walter M. Wilson, Reserve List, from 3d Field Artillery, January 22, 1918.
 First Lieutenant John D. Clute, Reserve List, from 3d Field Artillery, January 22, 1918.
 First Lieutenant Walter C. Barker, from 3d Field Artillery, January 22, 1918.
 Second Lieutenant George W. Pound, Reserve List, from 3d Field Artillery, January 22, 1918.
 Second Lieutenant Charles E. Kinakey, Reserve List, from 3d Field Artillery, January 22, 1918.
 Major Louis M. Greer, Reserve List, from Aide Commanding General, New York Guard, January 23, 1918.
 Second Lieutenant Carl E. Tucker, Reserve List, from 74th Infantry, January 24, 1918.
 Captain Alfred F. Hodgman, Reserve List, from 3d Infantry, January 28, 1918.
 Captain Walter A. Scott, Medical Corps, from Depot Battalion, 3d Infantry, February 7, 1918.
 Second Lieutenant Alex R. Thompson, Retired, from 9th Coast Artillery Corps, October 3, 1918.
 Lieutenant Colonel Howard C. Smith, from Inspector General Division, New York Guard, October 24, 1918.
 Captain Robert H. Wilder, Reserve List, from 9th Coast Artillery Corps, October 25, 1918.
 First Lieutenant David L. Conway, Reserve List, from 4th Ambulance Company, December 18, 1918.
 First Lieutenant F. G. Englehardt, Reserve List, from 4th Ambulance Company December 18, 1918.
 Captain Chester B. McLaughlin Jr., National Guard Reserve, from Adjutant General's Office, December 30, 1918.
 Major Harry S. Richmond, Inspector General's Department, from Adjutant General's Office, February 13, 1919.
 Captain Forbes Dunderdale, Adjutant General's Department, Adjutant General's Office, February 13, 1919.
 Major Harry S. Richmond, Inspector General's Department, Division, New York Guard, February 27, 1919.
 Captain Frank E. Davidson, Reserve List, 9th Coast Defense Corps, March 4, 1919.
 Lieutenant Colonel Frederic N. Whitley, from 2d Brigade, March 6, 1919.
 Major Frank J. Foley, National Guard Reserve, Division, March 29, 1919.
 Lieutenant Colonel James Eben, 71st Infantry, from Arsenal, October 11, 1919.
 Second Lieutenant Mauri Maffucci, Quarter Master's Corps, from Arsenal, October 11, 1919.
 Second Lieutenant George Pauli, Quarter Master's Corps, from Arsenal, October 11, 1919.
 First Lieutenant LeRoy T. Brown, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Lee R. Muckenfuss, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Robert L. Schuyler, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Warren C. Fielding, Reserve List, from 22d Engineers, November 26, 1919.
 Second Lieutenant Robert L. Baxter, Reserve List, from 22d Engineers, November 26, 1919.

Relieved — Concluded

Second Lieutenant Charles F. Denison, Reserve List, from 22d Engineers, November 26, 1919.
 Second Lieutenant Mortimer Bishop, Reserve List, from 22d Engineers, November 26, 1919.
 Captain Charles C. Tough, Reserve List, from 22d Engineers, December 2, 1919.
 Second Lieutenant Harold W. Linn, Reserve List, from 14th Infantry, December 9, 1919.

Captain John I. McWilliams, Quarter Master's Corps, from Inspections, December 10, 1919.
 Captain LeRoy J. Skinner, 3d Infantry, from Company F, December 15, 1919.
 Major Joseph W. Farrell, Quarter Master's Corps, from Division, December 30, 1919.

CHANGE OF ASSIGNMENT

First Lieutenant Leslie Belcher, 14th Infantry, from Company B to Battalion Adjutant, January 7, 1918.
 First Lieutenant Joseph P. Healey, 69th Infantry, from Company Co. D to Co. C, January 9, 1918.
 Second Lieutenant H. Gallagher, 69th Infantry, from Company A to Co. C, January 9, 1918.
 Second Lieutenant James P. Egan, 1st Field Artillery, from Battery A to Battery B, January 10, 1918.
 Captain Harry P. Williams, 9th Coast Artillery Corps, from 2d Company to 12th Company, January 11, 1918.
 Major Henry L. Butler, from Adjutant General's Office to 3d Brigade, January 17, 1918.
 Major Charles J. Lamb, from 1st Infantry to 10th Infantry, January 23, 1918.
 Captain Thomas K. Norris, 3d Infantry, from Supply Company to Company N, January 29, 1918.
 First Lieutenant Stuart W. Richards, 10th Infantry, from Company L to Battalion Adjutant, January 23, 1918.
 First Lieutenant John L. Roehaler, 13th Coast Artillery Corps, from 10th Company to 9th Coast Artillery Corps, February 20, 1918.
 First Lieutenant Sylvester A. Dineen, 69th Infantry, from Battalion Adjutant to Company M, February 20, 1918.
 Second Lieutenant Patrick J. Rooney, 69th Infantry, from Company H to Company L, February 20, 1918.
 Second Lieutenant A. Felix Zehren, 8th Coast Artillery Corps, from 1st Company to 8th Company, March 16, 1918.
 First Lieutenant John P. Devane, 69th Infantry, from Company B to Assistant Inspector Small Arms Practice, March 18, 1918.
 Second Lieutenant Elmer G. Koch, 3d Infantry, from Company H to Company G, March 21, 1918.
 First Lieutenant John M. Knaph, 12th Infantry, from Company G to Company F, March 23, 1918.
 First Lieutenant M. Steurer, 14th Infantry, from Battalion Adjutant to Co. B, March 26, 1918.
 First Lieutenant Albert B. B. Ackerson, 22d Engineers, from Medical Corps to 8th Coast Artillery Corps, April 3, 1918.
 First Lieutenant Arthur Gardner, 1st Field Artillery, from Battery A to E, April 3, 1918.
 Second Lieutenant Arnold E. Peterson, 1st Field Artillery, from Battery D to Battery B, April 3, 1918.
 Captain Edwin N. Appleton, 47th Infantry to 14th Infantry, April 8, 1918.
 Captain Henry H. Wikel, 14th Infantry, from Inspector Small Arms Practice to Company C, April 12, 1918.

Second Lieutenant Howard Bond, 1st Field Artillery, from Battery C to Battery E, April 13, 1918.
 First Lieutenant Clarence M. Bechtol, 1st Infantry, from Battalion Adjutant to Co. A, April 16, 1918.
 Second Lieutenant George A. Hazel, 1st Field Artillery, from Battery D to Battery C, April 20, 1918.
 Second Lieutenant Frank Greene, 2d Field Artillery, from Battery A to Supply Company, April 25, 1918.
 Captain William L. Bowman, 22d Engineers, from Company L to Company K, April 27, 1918.
 First Lieutenant Schuyler M. Meyer, 1st Field Artillery, from Battery C to Battery Adjutant, April 29, 1918.
 Captain George Hughes, 2d Infantry, from Inspector Small Arms Practice to Company H, May 9, 1918.
 First Lieutenant John B. Rushmore, 10th Infantry, from Company A to Company D, May 9, 1918.
 First Lieutenant William S. Happener, 22d Engineers, from Battalion Adjutant to Assistant Inspector Small Arms Practice, May 10, 1918.
 First Lieutenant Haldane A. Baumhoefer, 74th Infantry, from Battalion Adjutant to Company L, May 13, 1918.
 First Lieutenant Edward S. Davis, 10th Infantry, from Company D to Battalion Adjutant, May 21, 1918.
 Second Lieutenant Herbert A. Russell, 1st Field Artillery, from Battery A to Supply Company, May 25, 1918.
 Second Lieutenant Henry C. Foster, 1st Field Artillery, from Battery A to Battery C, May 25, 1918.
 Second Lieutenant Arthur C. Stoney, 1st Field Artillery, from Battery B to Battery E, May 25, 1918.
 Second Lieutenant Marcel Steinburg, 1st Field Artillery, from Battery C to Battery A, May 25, 1918.
 Second Lieutenant Charles E. Keegan, 2d Field Artillery, from Battery F to Battery E, June 5, 1918.
 Captain Stuart S. Hathaway, 1st Field Artillery, from Adjutant to Inspector Small Arms Practice, June 6, 1918.
 Captain Francis G. Hubbard, 1st Field Artillery, from Inspector Small Arms Practice to Adjutant, June 6, 1918.
 First Lieutenant Schuyler M. Meyer, 1st Field Artillery, from Battalion Adjutant to Battery C, June 6, 1918.
 First Lieutenant Arthur C. Stoney, 1st Field Artillery, from Battery E to Battalion Adjutant, June 6, 1918.
 First Lieutenant Timothy P. Mahoney, 47th Infantry, from Company B to Battalion Adjutant, June 15, 1918.

Change of Assignment — Continued

- First Lieutenant John M. Byers, 71st Infantry, from Co. L to Assistant Inspector Small Arms Practice, June 28, 1918.
- Captain Harry C. Guena, 3d Field Artillery, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Thomas B. Loughlen, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Philip H. Course, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Fred G. Purcell, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- First Lieutenant John J. Horgan, 3d Field Artillery, from Medical Corps to 3d Infantry, July 1, 1918.
- Second Lieutenant Louis J. Ebret, 12th Infantry, from Company D to Company C, July 2, 1918.
- Second Lieutenant Harold E. Stern, 8th Coast Artillery Corps, from 5th Company to Headquarters, July 8, 1918.
- Second Lieutenant Harry S. Bandler, 22d Engineers, from Company I to Company B, July 17, 1918.
- Second Lieutenant Herbert L. Russell, 1st Field Artillery, from Supply Company to Company E, July 19, 1918.
- First Lieutenant Henry E. Crawford, 9th Coast Artillery Corps, from Battalion Adjutant to 7th Company, July 26, 1918.
- First Lieutenant John T. Tower, 1st Infantry, from Machine Gun to Company C, July 27, 1918.
- Captain Stewart S. Hathaway, 1st Field Artillery, from Headquarters Company to Machine Gun Company, July 29, 1918.
- First Lieutenant Mitchell P. Talmage, 1st Field Artillery, from Battery A to Machine Gun Company, July 29, 1918.
- Second Lieutenant James T. Acker, 1st Field Artillery, from Battery C to Machine Gun Company, July 29, 1918.
- Second Lieutenant Demos Tsaconas, 1st Field Artillery, from Battery F to Machine Gun Company, July 29, 1918.
- Second Lieutenant John R. Cornwall, 1st Field Artillery, from Battery A to Supply Company, August 29, 1918.
- Second Lieutenant Wm. C. D. Glaser, 8th Coast Artillery Corps, from Supply Company to 13th Company, August 29, 1918.
- First Lieutenant Wm. Chapman, 1st Field Artillery, from Battery B to Battery A, September 14, 1918.
- Second Lieutenant Aurelien R. Richard, 1st Field Artillery, from Battery A to Battery D, September 14, 1918.
- First Lieutenant Alden P. Blodget, 1st Field Artillery, from Machine Gun Battery to Headquarters, September 23, 1918.
- First Lieutenant Wm. Chapman, 1st Field Artillery, from Battery A to Supply, September 23, 1918.
- Second Lieutenant Aurelien R. Richard, 1st Field Artillery, from Battery D to Battery C, September 23, 1918.
- Second Lieutenant Cornelius S. Pinkney, 1st Field Artillery, from Battery B to Battery E, September 23, 1918.
- First Lieutenant Alden P. Blodget, 1st Field Artillery, from Headquarters Company to Battery D, October 1, 1918.
- Second Lieutenant, Hans F. Hofer, 71st Infantry, from Company D to Company C, October 1, 1918.
- Captain Merritt W. Barnum, 1st Field Hospital, from Medical Corps to 3d Ambulance Company, October 2, 1918.
- First Lieutenant John J. Horgan, 3d Infantry, from Medical Corps to 71st Infantry, October 25, 1918.
- First Lieutenant Charles A. Bruce, from 4th Infantry to 12th Infantry, November 2, 1918.
- Captain Edward C. Brenner, 1st Field Hospital, from Medical Corps to Squadron A, November 13, 1918.
- First Lieutenant George H. Smith, from 14th Infantry to Assistant Inspector Small Arms Practice, November 13th, 1918.
- First Lieutenant Harry L. Spence, 13th Coast Artillery Corps to Battalion Adjutant, 12th Company, November 13, 1918.
- First Lieutenant George M. Wilde, 13th Coast Artillery Corps, Battalion Adjutant to 4th Company, November 13, 1918.
- First Lieutenant William E. Lowther, 9th Coast Artillery Corps, from 4th Company to 2d Company, November 16, 1918.
- First Lieutenant Alden S. Blodget, 1st Field Artillery, from Battery D to Battery E, November 20, 1918.
- First Lieutenant Charles A. Bierbauer, 22d Engineers, from Company I to Battalion Adjutant, November 23, 1918.
- First Lieutenant Paul R. Stillman, 71st Infantry, from Defense Corps to Field Hospital, November 25, 1918.
- First Lieutenant William C. Chapman, 1st Field Artillery, from Supply Company to Headquarters, December 4, 1918.
- First Lieutenant Julius C. Lorenansen, 1st Field Artillery, from Battery B to Supply Company, December 4, 1918.
- Second Lieutenant Bernard Soharlin, 1st Field Artillery, from Battery F to Battery A, December 4, 1918.
- Second Lieutenant Effingham N. Lawrence, 1st Field Artillery, from Battery D to Battery B, December 4, 1918.
- First Lieutenant Aurelien Richard, 1st Field Artillery, from Battery E to Battery C, December 4, 1918.
- Second Lieutenant Cornelius S. Pinkney, 1st Field Artillery, from Battery E to Battery C, December 4, 1918.
- Second Lieutenant Edward M. Sedgwick, 1st Field Artillery, from Battery A to Battery D, December 4, 1918.
- Second Lieutenant Herbert L. Wheeler, 1st Field Artillery, from Battery C to Battery E, December 4, 1918.
- Second Lieutenant Arthur V. Lyall, 1st Field Artillery, from Battery C to Battery F, December 4, 1918.
- Second Lieutenant Ernest W. Keyser, 12th Infantry, from Machine Gun Company to Company G, December 4, 1918.
- Lieutenant Colonel Howard C. Smith, Acting Chief of Staff to Inspector General, N. Y. G., December 6, 1918.
- Major Louis C. Trimble, Inspector General, to Assistant Inspector General, December 6, 1918.
- Lieutenant Colonel Charles J. Ahern, from Reserve List Adjutant General, 1st Brigade to Chief of Staff Division, December 6, 1918.
- First Lieutenant William F. Cook, 4th Infantry, from Company A to Company B, Adjutant General, December 7, 1918.
- First Lieutenant George H. Smith, 14th Infantry from Company G to Company E, December 16, 1918.
- Second Lieutenant Rexford W. Titus, 4th Infantry, from Supply Company to Company G, December 26, 1918.
- Second Lieutenant Gilbert Stoutenburgh, 14th Infantry, from Company F to Company B, December 27, 1918.

Change of assignment—(Continued)

- Second Lieutenant Edgar J. Rodgers, 14th Infantry, from Company B to Company I, December 27, 1918.
- Second Lieutenant Arthur V. Lyall, 1st Field Artillery, from Battery F to Battery D, December 28, 1918.
- Second Lieutenant Henry C. Foster, 1st Field Artillery, from Battery B to Battery A, January 23, 1918.
- Second Lieutenant, George Roberts, 1st Field Artillery from Battery A to Battery F, January 23, 1918.
- Captain John G. Bates, 71st Infantry, Company M to Company D, January 10, 1919.
- First Lieutenant Chauncey S. Case, 12th Infantry, Company A to Company B, January 24, 1919.
- First Lieutenant Edward J. Murphy, 12th Infantry, Machine Gun to Company A, January 24, 1919.
- Captain Joseph G. Hardmyer, 13th Coast Defense Command, Supply Company to 5th Company, January 28, 1919.
- Captain James P. Egan, 1st Field Artillery, Supply Company to Adjutant, January 30, 1919.
- Captain Henry F. Haynes, 1st Field Artillery, Adjutant to Supply Company, January 30, 1919.
- Second Lieutenant Harry W. K. Miller, 74th Infantry, Supply Company to Company A, February 10, 1919.
- Second Lieutenant Peter L. Menninger, 13th Coast Defense Command, 10th Company to 9th Company, February 10, 1919.
- First Lieutenant Frost M. Wheeler, 7th Infantry, Battalion Adjutant to Company E, February 11, 1919.
- First Lieutenant William E. G. Gillard, 71st Infantry, Company I to Battalion Adjutant, February 17, 1919.
- First Lieutenant Samuel C. Disbrow, 71st Infantry, Company G to Company I, February 17, 1919.
- Second Lieutenant Robert Sedgwick, 9th Coast Defense Command, 11th Company to Headquarters, February 25, 1919.
- Captain Louis Watien, 9th Coast Defense Command, 1st Company to Adjutant, March 4, 1919.
- Captain Frederick D. Wendel, 12th Infantry, Company A to Company E, March 4, 1919.
- First Lieutenant Edmund H. Burke, 15th Infantry, Musician to Battalion Adjutant, March 8, 1919.
- First Lieutenant Wilfred F. Basil, 15th Infantry, Battalion Adjutant to Company G, March 4, 1919.
- First Lieutenant Ernest E. Malcolm, 12th Infantry, Aide Division to Company C, March 8, 1919.
- First Lieutenant Lester D. Stickler, 71st Infantry, Machine Gun Company to Company D, April 3, 1919.
- First Lieutenant Charles F. LaTour, 69th Infantry, Machine Gun Company to Battalion Adjutant, April 4, 1919.
- Second Lieutenant Albert L. George, 71st Infantry, Company I to Company M, April 8, 1919.
- First Lieutenant Daniel M. McKenna, 10th Infantry, Company H to Battalion Adjutant, April 28, 1919.
- Second Lieutenant Herman S. Murray, 12th Infantry, Company A to Company K, April 30, 1919.
- Second Lieutenant, Cornelius S. Pinkney, 1st Field Artillery, Battery C to Battery A, April 30, 1919.
- Captain Virgil H. Parks, 15th Infantry, Company C to Company A, June 16, 1919.
- Captain Frank R. Chisholm, 15th Infantry, Company C to Company I, June 16, 1919.
- First Lieutenant Wilfred F. Basil, 15th Infantry, Company G to Unassigned, June 16, 1919.
- Second Lieutenant Louis A. Snyder, 1st Field Artillery, Machine Gun Company to Company M, June 16, 1919.
- Second Lieutenant Leonard P. Botting, 13th Coast Defense Command, Machine Gun Company to 9th Company, June 21, 1919.
- First Lieutenant Theodore Carter, 13th Coast Defense Command, 1st Company to Battalion Adjutant, June 21, 1919.
- Captain George W. Harris, 15th Infantry, Company B to Inspector Small Arms Practice, June 23, 1919.
- First Lieutenant Edward L. Richards, 15th Infantry, Company A to Unassigned, June 26, 1919.
- Second Lieutenant Walter F. Hagen, 22d Engineers, Company A to Company F, June 26, 1919.
- First Lieutenant Leon J. Weil, 1st Field Artillery, Company B to Headquarters, June 28, 1919.
- Captain Malcolm E. Baxter, 47th Infantry, Company H to Company B, July 7, 1919.
- First Lieutenant Frank Sturken, 1st Field Artillery, Battery A to Supply Company July 7, 1919.
- First Lieutenant Edward J. Reilly, 47th Infantry, Company E to Company A, July 7, 1919.
- First Lieutenant Charles P. Holderber, 71st Infantry, Battalion Adjutant to Machine Gun Company, July 11, 1919.
- First Lieutenant Gabriel S. Kirowits, 1st Field Artillery, Battery C to Battery F, July 14, 1919.
- Major Frank A. Spencer Jr, 2d Field Artillery 2d Battalion to 1st Battalion, July 23, 1919.
- Captain Arthur W. Hoffman, 1st Field Artillery, Battalion Adjutant to Battery E, July 30, 1919.
- Second Lieutenant Charles G. Duffy, 71st Infantry, Company K to Machine Gun Company, July 30, 1919.
- Captain William J. Dunne, 13th Coast Defense Command, 7th Company to 9th Company, August 1, 1919.
- First Lieutenant Ferdinand W. Miller, 10th Infantry, Supply Company to Company H, August 1, 1919.
- Second Lieutenant James F. Taylor, 10th Infantry, Supply Company to Company H, August 1, 1919.
- First Lieutenant Harold H. Lindner, 47th Infantry, Company H to Company B, August 4, 1919.
- Captain Walter F. Hegeman, 1st Field Artillery, Battery F to Battery D, August 7, 1919.
- Second Lieutenant Elias Silver, 47th Infantry, Company H to Company B, August 7, 1919.
- Second Lieutenant William C. Striffler, 1st Field Artillery, Battery B to Battery E, August 13, 1919.
- Captain Matthew J. A. Wilson, 14th Infantry, Supply Company to Company C, August 15, 1919.
- First Lieutenant Earl B. Pullis, 13th Coast Defense Command, 7th Company to 9th Company, August 21, 1919.
- Captain Claude W. Boynton, 71st Infantry, Company B to Supply Company, August 25, 1919.

Change of assignment — Continued

- Captain Henry M. Hall, 71st Infantry, Company A to Inspector Small Arms Practice, August 25, 1919.
- First Lieutenant John A. H. Prum, 71st Infantry, Company A to Company F, August 25, 1919.
- Second Lieutenant Howard P. Rockey, 71st Infantry, Company A to Company F, August 25, 1919.
- Second Lieutenant Spencer J. Estey, 23d Infantry, Company G to Company A, August 27, 1919.
- Captain William A. Cunningham, 13th Coast Defense Command, 6th Company to Headquarters, August 28, 1919.
- First Lieutenant Charles M. Scheiterle, 65th Infantry to 74th Infantry, August 28, 1919.
- Second Lieutenant Harry J. Holroyd, 65th Infantry to 74th Infantry, August 28, 1919.
- Major William G. Bissell, Medical Corps, 65th Infantry to 65th Field Artillery, August 29, 1919.
- Captain Franklin C. Gram, Medical Corps, 65th Infantry to 65th Field Artillery, August 30, 1919.
- First Lieutenant Earl B. Pulis, 13th Coast Defense Command, 9th Company to 11th Company, September 8, 1919.
- Second Lieutenant Harry S. Morrison, 47th Infantry, Company L to Company C, September 8, 1919.
- Second Lieutenant Ira P. MacNair, 13th Coast Defense Command, 4th Company to 8th Company, September 10, 1919.
- First Lieutenant John N. Bradea, 71st Infantry, Company H to Machine Gun Company, September 17, 1919.
- Second Lieutenant Samuel S. Sibbs, Jr., 14th Infantry, Company B to Company H, September 19, 1919.
- Second Lieutenant Fred M. Schilling, 1st Field Artillery, Battery E to Battery F, September 20, 1919.
- First Lieutenant Frederiek W. Marquand, 14th Infantry, Battalion Adjutant to Assistant Inspector Small Arms Practice, October 1, 1919.
- Captain John E. White, 5th Battalion, Medical Corps to 3d Infantry, October 8, 1919.
- First Lieutenant Daniel F. Serr, 13th Coast Defense Command, Unassigned to Assistant Adjutant, October 17, 1919.
- First Lieutenant Robert M. Purcell, 13th Coast Defense Command, 4th Company to 1st Company, October 20, 1919.
- Second Lieutenant Herbert S. Rucker, 13th Coast Defense Command, 4th Company to 3d Company, October 20, 1919.
- Second Lieutenant Frederik B. George, 13th Coast Defense Command, 11th Company to 10th Company, October 20, 1919.
- Captain George Hughes, 2d Infantry, Company H to Company M, October 22, 1919.
- Captain Thomas F. Brown, 2d Infantry, Company E to Company H, October 22, 1919.
- Captain Arthur T. Smith, R. L., 3d Infantry, Company A to Machine Gun Company, November 3, 1919.
- Captain Griswold B. Daniell, 7th Infantry, Company H to Company K, November 10, 1919.
- Captain Ralph P. Buell, 7th Infantry, Company C to Company I, November 10, 1919.
- Captain Franklin J. Herriek, 4th Infantry, Company G to Machine Gun Company, November 10, 1919.
- Captain Arthur W. Hofmann, 1st Field Artillery, Battery E to Battery F, November 11, 1919.
- Captain Ernest L. Miller, 1st Cavalry, Troop B to Inspector Small Arms Practice, November 13, 1919.
- First Lieutenant Clyde R. Hunt, 14th Infantry, Battalion Adjutant 1st to 3d, November 13, 1919.
- First Lieutenant Sanderson W. Hays, 14th Infantry, Company H to Battalion Adjutant, November 15, 1919.
- Second Lieutenant Arthur W. Pashley, 13th Coast Defense Command, 9th Company to 6th Company, November 21, 1919.
- First Lieutenant Earl B. Pulis, 13th Coast Defense Command, 11th Company to 10th Company, November 21, 1919.
- Second Lieutenant Robert L. Orswalt, 13th Coast Defense Command, Unassigned to 12th Company, November 21, 1919.
- First Lieutenant Frank B. Corry, 3d Infantry, Company E to Machine Gun Company, November 21, 1919.
- Second Lieutenant Samuel S. Sibbs, 14th Infantry, Company H to Machine Gun Company, November 29, 1919.
- Second Lieutenant Murray J. Framan, 14th Infantry, Machine Gun Company to Company H, November 29, 1919.
- First Lieutenant Gabriel S. Kirowitz, 1st Field Artillery, Battery F to Battery B, November 29, 1919.
- Captain William C. G. Wahle, 13th Coast Defense Command, 6th Company to 12th Company, December 1, 1919.
- Major Joseph A. S. Mundy, Ordnance Department, Div to Staff Corps and Departments, December 2, 1919.
- Second Lieutenant Harold C. Finn, 47th Infantry, Company A to Company H, December 3, 1919.
- First Lieutenant Edward F. Redmond, 8th Coast Defense Command, 34th Company to 36th Company, December 9, 1919.
- First Lieutenant Robert Livingston, 8th Coast Defense Command, 33d Company to 29th Company, December 9, 1919.
- First Lieutenant Clarence E. Doll, 8th Coast Defense Command, 30th Company to 33d Company, December 9, 1919.
- First Lieutenant Howard S. Hadden, 23d Infantry, Machine Gun Company to Assistant Inspector Small Arms Practice, December 10, 1919.
- First Lieutenant Arthur P. Clark, 47th Infantry, Company E to Company A, December 11, 1919.
- Second Lieutenant Albert E. Patterson, 13th Coast Defense Command, 4th Company to 7th Company, December 13, 1919.
- Captain Robert H. Brooks, 4th Infantry, Company G to Adjutant, December 15, 1919.
- First Lieutenant Rexford W. Titus, 4th Infantry, Company G to Machine Gun Company, December 15, 1919.
- Second Lieutenant Oliver W. Barnes, 4th Infantry, Company G, to Machine Gun Company, December 15, 1919.
- First Lieutenant Stewart L. Newing, 4th Infantry, Battalion Adjutant, Company G, December 15, 1919.
- Second Lieutenant Morris D. Ainslee, 4th Infantry, Company H to Company G, December 15, 1919.
- First Lieutenant Timothy E. Bruce, 2d Infantry, Unassigned to Company D, December 19, 1919.
- First Lieutenant Thomas J. Connor, 2d Infantry, Unassigned to Company I, December 19, 1919.

Change of assignment — Concluded

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| First Lieutenant John K. Beardsley, 2d Infantry, Unassigned to Company L, December 19, 1919. | Captain Arthur T. Smith, 3d Infantry, Machine Gun Company to Company A, December 31, 1919. |
| Second Lieutenant William B. Davidson, 2d Infantry, Unassigned to Company L, December 19, 1919. | Captain August C. Betz, 31 Infantry, Company A to Machine Gun Company, December 31, 1919. |
| Captain Peter F. Burns, 22d Engineers, 22d Engineers to Engineer Train, December 30, 1919. | |

CASUALTIES

FULL AND HONORABLE DISCHARGE]

Brigadier General

Charles H. Sherrill, The Adjutant General, September 19, 1918.

Colonels

William S. Terriberry, Medical Corps, N. G. N. Y., February 28, 1918.
 Charles H. Hitchcock, N. G. R., July 11, 1918.
 Henry R. Winthrop, 12th Infantry, October 4, 1918.
 DeWitt Clinton Falls, 7th Infantry, November 1, 1918.
 Archie B. Quarrier, 12th Infantry, November 1, 1918.
 Charles J. Ahern, A. G. D., January 3, 1919.
 Howard K. Brown, 3d Infantry, March 6, 1919.
 Clarence W. Smith, 13th C. D. C., September 13, 1919.

Lieutenant Colonels

Frank Dean, Coast Artillery Corps, July 19, 1918.
 Edward V. Howard, N. G. R., September 23, 1918.
 Reginald H. Sayre, Medical Corps, October 22, 1918.
 Alex. McL. Jackson, 2d Infantry, July 31, 1919.
 Wilbur Van Duyn, 3d Infantry, August 21, 1919.
 Charles J. Ahern, N. G. R., September 4, 1919.
 Edwin A. Strong, 12th Infantry, September 24, 1919.
 Thomas H. Shanton, Reserve List, December 12, 1919.

Majors

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| Walter B. Porter, Reserve List, February 21, 1918. | Albert T. Weston, Medical Corps, Reserve List, December 16, 1918. |
| Joseph A. Cox, Medical Corps M. G., N. Y. February 23, 1918. | Frederick W. Hyde, 65th Infantry, December 26, 1918. |
| Francis P. Stoddard, Jr., 9th Coast Artillery Corps, April 16, 1918. | Frank J. Foley, Quartermaster Corps, January 10, 1919. |
| Herbert Barry, Squadron D, April 17, 1918. | Patrick S. MacDwyer, 13th Coast Defense Command, January 24, 1919. |
| Henry W. Brendel, 3d Field Artillery, May 21, 1918. | James C. Setright, 3d Infantry, February 10, 1919. |
| Cornelius D. Van Wagener, Medical Corps, June 18, 1918. | Francis G. Landon, National Guard Reserve (as of August 16, 1918), February 24, 1919. |
| John F. Ranges, 71st Infantry, September 18, 1918. | Thomas C. Buck, 12th Infantry, April 16, 1919. |
| Maurice S. Damon, Squadron D, September 25, 1918. | Seymour P. White, Inspector General Department, April 18, 1919. |
| Carl H. Breed, Quartermaster Corps, October 4, 1918. | Edwin Gould, Ordnance Department, May 13, 1919. |
| Charles F. Nugent, 8th Coast Artillery Corps, October 11, 1918. | Albert T. Johnston, 47th Infantry, May 13, 1919. |
| Samuel A. Brown, Medical Corps, October 11, 1918. | Ethelbert Green, 23d Infantry, August 11, 1919. |
| William H. Robinson, 14th Infantry, October 11, 1918. | James R. Stewart, 7th Infantry, October 8, 1919. |
| William F. Wheelock, 10th Infantry, October 11, 1918. | George F. Mahon, Reserve List, October 30, 1919. |
| Charles G. Moses, 22d Engineers, November 1 1918. | Clifford F. Lamont, 23d Infantry, October 30 1919. |

Captains

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| Rupert Hughes, Reserve List, January 2, 1918. | Francis H. Hessels, 8th Coast Artillery Command, May 10, 1918. |
| William T. Doane, 3d Field Artillery, January 4, 1918. | Benedict Gifford, Reserve List, May 21, 1918. |
| Alvan W. Perry, Reserve List, February 9, 1918. | John M. Thompson, 8th Coast Artillery Command, May 28, 1918. |
| Joseph J. Kingsbury, Reserve List, February 19, 1918. | Edwin M. Leask, 7th Infantry, June 11, 1918. |
| | Edward M. Dillon, Reserve List, June 10, 1918. |

Casualties — Continued

Captains — Continued

James Lynch, 69th Infantry, June 6, 1918.
 Joseph M. Gwinner, 65th Infantry, July 23, 1918.
 John F. Kerwin, National Guard Reserve, July 23, 1918.
 Harry R. Burt, 7th Infantry, July 9, 1918.
 Ralph A. Kluge, 12th Infantry, July 5, 1918.
 William D. Walker, 23d Infantry, August 2, 1918.
 Henry E. Holt, National Guard Reserve, August 3, 1918.
 Frederick H. Plumb, 3d Infantry, August 9, 1918.
 Eugene Kelly, 22d Engineers, August 13, 1918.
 Dumont C. Mills, 23d Infantry, September 5, 1918.
 Stewart S. Hathaway, 1st Field Artillery, September 10, 1918.
 William B. Miles, 7th Infantry, September 11, 1918.
 Henry R. Berning, 22d Engineers, September 13, 1918.
 Philip J. Steer, 14th Infantry, September 18, 1918.
 A. B. Churchill, Squadron B, September 26, 1918.
 Frederick W. Hoeninghans, 12th Infantry, October 4, 1918.
 Lawrence C. Donovan, Inspector General Department, October 8, 1918.
 Rudolph V. Gorsch, Medical Corp, October 11, 1918.
 Patrick J. Walsh, 22d Engineers, October 11, 1918.
 James P. Trotter, Medical Corps, October 11, 1918.
 John W. Elmer, 69th Infantry, October 22, 1918.
 Otis S. Carroll, First Signal Corps, November 1, 1918.
 Harrie Burdge, 8th Coast Artillery Corps, November 1, 1918.
 James F. Swartwout, Jr., 2d Infantry, November 1, 1918.
 Arthur B. Chase, 71st Infantry, November 6, 1918.
 John T. C. Waters, 23d Infantry, November 20, 1918.
 Ernest T. Van Zandt, 12th Infantry, November 25, 1918.
 Albert E. Downes, 71st Infantry, November 25, 1918.
 James Wotherspoon, 7th Infantry, November 27, 1918.
 Henry W. Wilson, 7th Infantry, November 27, 1918.
 Clarence E. Newman, Reserve List, November 27, 1918.
 Frederick T. Slack, 47th Infantry, December 4, 1918.
 Oswald W. Uhl, 7th Infantry, December 18, 1918.
 William F. Wall, 7th Infantry, January 10, 1919.
 Clarence Mills, 13th Coast Defense Corps, January 22, 1919.

John W. Slawson, 8th Coast Defense Corps, February 27, 1919.
 Jesse A. B. Smith, 7th Infantry, March 28, 1919.
 Edward C. Robinson, 7th Infantry, March 28, 1919.
 Samuel H. Foster, 2d Infantry, April 18, 1919.
 John N. Snider, 8th Coast Defense Corps, April 23, 1919.
 Frederick M. Chapin, 65th Field Artillery, May 5, 1919.
 James C. Roberts, 74th Infantry, May 6, 1919.
 Arthur E. Connor, 10th Infantry, May 10, 1919.
 Thomas T. Bates, Squadron A, May 13, 1919.
 Fred E. Scharf, 4th Infantry, May 15, 1919.
 Eliot Bishop, Medical corps, 2d Field Artillery, May 19, 1919.
 Francis D. Clark, 7th Infantry, May 23, 1919.
 Fred W. Plank, 3d Infantry, June 4, 1919.
 Harry R. Kidney, 3d Infantry, June 4, 1919.
 Louis V. Ennis, 7th Infantry, June 9, 1919.
 Seth B. Dewey, 1st Cavalry, June 13, 1919.
 Frederick J. Koch, 1st Field Artillery, June 20, 1919.
 John H. Blume, 14th Infantry, June 26, 1919.
 Leonard H. Smith, 23d Infantry, July 8, 1919.
 Simon J. McCarty, 47th Infantry, July 10, 1919.
 Arthur L. L. Martin, 14th Infantry, August 4, 1919.
 Melton D. Cole, Squadron A, August 11, 1919.
 Ansley W. Sawyer, 74th Infantry, August 11, 1919.
 George F. Hawkins, 7th Infantry, August 13, 1919.
 William Orcutt, 4th Infantry, August 15, 1919.
 Clifford M. Marsh, 2d Infantry, August 19, 1919.
 Leslie A. Oliver, 7th Infantry, October 8, 1919.
 Willard C. Candee, 23d Infantry, October 11, 1919.
 William A. Cunningham, 13th Coast Defense Corps, October 11, 1919.
 Alphonse W. Weiner, 2 Field Artillery, October 29, 1919.
 Hugh Daisell, Reserve List, October 30, 1919.
 Andrew B. Gillfillan, Infantry, November 6, 1919.
 Arthur W. Rosmer, 23d Infantry, November 14, 1919.
 Chauncey A. Pierce, 23d Infantry, November 21, 1919.
 Thomas A. Buys, 2d Field Artillery, November 28, 1919.
 Edward L. Brennan, 2d Field Artillery, November 28, 1919.
 George R. Ludlow, 8th Coast Defense Corps, November 29, 1919.
 Charles A. Hickey, 69th Infantry, December 2, 1919.
 Thomas B. Loughlen, Medical Corps, 74th Infantry, December 3, 1919.
 Philip Stauderman, 23d Infantry, December 18, 1919.
 Edgar Kenny, 7th Infantry, December 18, 1919.
 William T. Getman, Medical Corps, December 26, 1919.

First Lieutenants

Gerard B. Hoppin, Depot Squadron B, February 1, 1919.
 Eugene V. Downey, 13th Coast Artillery Corps, June 11, 1918.
 John H. Callaghan, 69th Infantry, June 6, 1918.
 Charles F. Stanton, 3d Infantry, July 23, 1918.
 Charles C. Kelly, 1st Infantry, July 8, 1918.
 Harlow S. Chaffee, 74th Infantry, August 2, 1918.

L. Roberts Walton, National Guard Reserve, August 26, 1918.
 Edward L. Martin, 14th Infantry, September 18, 1918.
 Claude J. Stearns, 13th Coast Artillery Corps, September 18, 1918.
 John A. Beaver, 7th Infantry, September 26, 1918.
 Robert S. Gibson, 74th Infantry, October 4, 1918.

Casualties — Continued

First Lieutenants — Continued

Cyril R. Hustis, 23d Infantry, October 23, 1918.
 John Noble Snider, 8th Coast Artillery Corps, November 1, 1918.
 William H. Young, 9th Coast Artillery Corps, November 1, 1918.
 Walter D. Pinkus, 1st Field Artillery, November 8, 1918.
 Gordon H. Grant, 7th Infantry, November 14, 1918.
 Carroll M. Stetson, 8th Coast Artillery Corps, December 4, 1918.
 Grover C. Weed, 3d Infantry, December 17, 1918.
 Alden S. Blodget, 1st Field Artillery, January 22, 1919.
 Joseph M. Fowler, 1st Infantry, February 7, 1919.
 Walter F. Darby, 69th Infantry, February 27, 1919.
 Harry W. Martin, 7th Infantry, Feb. 27, 1919.
 Edward S. Davis, 10th Infantry, March 1, 1919.
 Harry P. Robbins, 12th Infantry, March 3, 1919.
 Leslie W. May, 7th Infantry, March 28, 1919.
 Bert C. Sheppard, 74th Infantry, April 3, 1919.
 Harold C. Fryer, 7th Infantry, April 16, 1919.
 William P. Buckner, 71st Infantry, April 16, 1919.
 William P. Hennessey, 3d Infantry, April 23, 1919.
 Richard H. Vose, 14th Infantry, April 23, 1919.
 Stuart W. Richards, 10th Infantry, May 3, 1919.

William A. Garcia, 4th Infantry, June 28, 1919.
 John F. Faber, 1st Signal Corps, July 12, 1919.
 John R. Miller, 23d Infantry, August 11, 1919.
 Rollin S. Saltus, Squadron A, August 11, 1919.
 Francis S. Macomber, 1st Cavalry, August 23, 1919.
 Louis D. Janne, Reserve List, September 17, 1919.
 Frost Haviland, 1st Cavalry, October 4, 1919.
 Herman A. Van Brakle, 2d Field Artillery, October 29, 1919.
 Henry S. Conover, 23d Infantry, October 30, 1919.
 Hubert S. Wynkoop, 23d Infantry, October 30, 1919.
 Graham Witschief, Infantry, November 7, 1919.
 George O. Thorp, 1st Field Artillery, November 8, 1919.
 George C. Bodman, Squadron A, November 15, 1919.
 John W. MacEnroe, 13th Coast Defense Corps, (New York National Guard), November 28, 1919.
 Casper W. Hahnel, 8th Coast Defense Corps, November 29, 1919.
 James M. Ross, 13th Coast Defense Corps, (New York National Guard), December 4, 1919.
 Fred Genereux, 3d Infantry, December 31, 1919.

Second Lieutenants

Charles E. Kinsky, Reserve List, August 3, 1918.
 Thomas Wilson, Quarter Master's Corps, New York National Guard, February 25, 1918.
 Donald S. Brown, 74th Infantry, May 23, 1918.
 Eugene J. Seeman, 23d Infantry, June 11, 1918.
 Herbert S. Camman, 7th Infantry, October 4, 1918.
 Wolcott, P. Robbins, Squadron A, October 22, 1918.
 Albert C. Benson, 14th Infantry, October 22, 1918.
 Theodore Schmerl, 15th Infantry, November 1, 1918.
 Frost M. Wheeler, 7th Infantry, November 12, 1918.
 Downes L. Russell, 1st Field Artillery, December 18, 1918.
 Harold A. Foahay, 47th Infantry, January 6, 1919.
 Rae C. Launt, 10th Infantry, January 11, 1919.
 Isaac H. Jenney, Squadron A, Jan. 24, 1919.
 Charles L. Moore, 2d Infantry, January 27, 1919.

Clifford P. Servatius, Squadron D, February 7, 1919.
 Howard C. Nixon, 7th Infantry, April 13, 1919.
 James F. Levens, 7th Infantry, May 13, 1919.
 Edward M. Smith, 2d Infantry, June 26, 1919.
 Frederick W. Wilson, 1st Infantry, July 9, 1919.
 Robert R. Miller, 47th Infantry, July 17, 1919.
 Guy O. Carleton, 7th Infantry, September 12, 1919.
 Spencer J. Estey, 23d Infantry, September 20, 1919.
 Edward M. Cary, Squadron A, October 20, 1919.
 Millar W. Sells, 74th Infantry, October 22, 1919.
 Huntington Downer, 1st Cavalry, October 24, 1919.
 Frederick B. George, 13th Coast Defense Corps, October 27, 1919.
 Harry Vinton, Infantry, November 7, 1919.
 Frank P. Ranny, Jr., 69th Infantry, November 8, 1919.
 Harry S. Morrison, 47th Infantry, December 4, 1919.

HONORABLY DISCHARGED

Brigadier General

Lewis W. Stotesbury, Reserve List, March 13, 1918.

Colonels

Thomas Denny, 12th Infantry, January 24, 1918.
 John R. Delafield, 9th Coast Artillery Corps, September 25, 1918.
 Michael Friedsam, Aide Governor, December 19, 1918.
 Arthur F. Townsend, National Guard Reserve, March 12, 1919.
 Jackson A. Dykman, Judge Advocate General's Department, May 20, 1919.

Lieutenant Colonel

John G. Bates, 71st Infantry, November 1, 1918.

Honorably Discharged — Continued

Majors

W. Tyron Romaine, Reserve List, May 11, 1918.
 Thew Wright, Medical Corps, May 13, 1918.
 William M. Ford, National Guard Reserve, May 23, 1918.
 Frederick M. Croasett, Reserve List, May 31, 1918.
 Joseph C. DeVries, Medical Corps, July 17, 1918.
 Chauncey W. Grove, Medical Corps, July 30, 1918.

Almuth C. Vandiver, Ordnance Department, October 11, 1918.
 William F. McKenna, Medical Corps, 14th Infantry, February 20, 1919.
 James E. Hewes, 10th Infantry, May 3, 1919.
 Vertner Tandy, 15th Infantry, May 23, 1919.
 Gustav J. E. Tieck, Reserve List, December 4, 1919.
 Joseph P. Dineen, 69th Infantry, December 26, 1919.

Captains

J. Seymour Brainard, 3d Infantry, January 3, 1918.
 Henry B. Graves, Reserve List, January 8, 1918.
 John A. F. Schwarte, 2d Infantry, January 15, 1918.
 Edwin D. Graft, Reserve List, January 17, 1918.
 William Baylis, Jr., 8th Coast Artillery Corps, January 24, 1918.
 Frederick D. Lockwood, Ordnance Department, February 19, 1918.
 Frederick Sparrenberger, Reserve List, February 19, 1918.
 Robert E. Heun, Reserve List, February 27, 1918.
 Michael J. Kerrigan, 47th Infantry, March 13, 1918.
 Leonard Snider, 1st Field Artillery, March 27, 1918.
 Perrin L. Babcock, Squadron B, April 3, 1918.
 John S. Klein, 14th Infantry, April 8, 1918.
 Francis X. Conlon, 69th Infantry, April 9, 1918.
 Jerome Kingsbury, Medical Corps, April 9, 1918.
 Carl H. Breed, Inspector General's Department, April 18, 1918.
 Robert L. Bigelow, 12th Infantry, April 24, 1918.
 Burdige R. MacLean Jr., Squadron C, May 3, 1918.
 J. Couper Lord, 8th Coast Artillery Corps, May 9, 1918.
 Arthur Gardner, 1st Field Artillery, May 10, 1918.
 George W. Sutton, 1st Field Artillery, May 10, 1918.
 John M. Parker, 4th Infantry, May 10, 1918.
 Steinas S. Bullen, Medical Corps, May 20, 1918.
 William B. Short, 71st Infantry, May 23, 1918.
 Horace J. Mann, Medical Corps, May 27, 1918.
 August T. Morro, Reserve List, June 7, 1918.
 Joseph Novak, 1st Infantry, June 13, 1918.
 Olin W. Kelsey, 65th Infantry, June 18, 1918.
 Ford R. Purcell, 10th Infantry, June 19, 1918.
 Robert Plateau, 47th Infantry, June 25, 1918.
 Marvin Olcott, 4th Infantry, June 28, 1918.
 John M. Perry, 9th Coast Artillery Corps, June 29, 1918.
 Ralph Hastings, 5th Battalion, July 15, 1918.
 Herbert E. Sperry, Medical Corps, July 16, 1918.
 William Speidel, Reserve List, July 30, 1918.
 David H. McAlpin, 71st Infantry, July 30, 1918.
 Robert J. Bartley, Jr., 6th Battery, July 24, 1918.
 James F. Minnagh, 22d Engineers, August 2, 1918.
 Christopher L. LeVien, Reserve List, August 2, 1918.
 Elmer E. Adler, 74th Infantry, August 2, 1918.
 Francis A. Murphy, Squadron C, August 2, 1918.
 Milton Aronowits, Medical Corps, August 5, 1918.
 John B. Haden, Medical Corps, August 7, 1918.

Philip D. Tracey, 10th Infantry, August 10, 1918.
 Barrett, P. Smith, 9th Coast Artillery Corps, August 14, 1918.
 Frank C. Keil, Medical Corps, August 15, 1918.
 Robert H. McConnell, Medical Corps, August 16, 1918.
 H. Pushee Williams, 9th Coast Artillery Corps, August 23, 1918.
 John T. Harrison, 9th Coast Artillery Corps, August 23, 1918.
 Joseph A. Devlin, Medical Corps, August 26, 1918.
 John H. Kelly, 5th Battalion, August 28, 1918.
 Percy E. Barbour, Reserve List, August 29, 1918.
 Ethelbert I. Low, 9th Coast Artillery Corps, August 31, 1918.
 James P. Lawyer, 4th Infantry, September 5, 1918.
 Joseph W. Goaling, 2d Infantry, September 6, 1918.
 Frank Overton, Medical Corps, September 10, 1918.
 Archibald E. Chace, Medical Corps, September 13, 1918.
 Fred A. Deal, Medical Corps, September 18, 1918.
 Walter S. Gurnee, Quartermaster Medical Corps, October 4, 1918.
 David G. Cooper, 74th Infantry, October 4, 1918.
 Arthur H. Paine, Medical Corps, October 11, 1918.
 Roman J. Nuwer, 65th Infantry, October 11, 1918.
 James L. Cram, 7th Infantry, October 11, 1918.
 Stafford B. Smith, Medical Corps, October 22, 1918.
 Seward Erdman, Medical Corps, November 1, 1918.
 George W. Bishop, Jr., Reserve List, November 27, 1918.
 Charles R. Pierce, 3d Infantry, November 18, 1918.
 Leo C. Harte, 3d Infantry, November 18, 1918.
 Sylvester A. Dineen, 69th Infantry, November 18, 1918.
 Stephen Barker, 12th Infantry, November 20, 1918.
 Patrick Joseph Rooney, 69th Infantry, November 20, 1918.
 Prentice Kellogg, 71st Infantry, November 20, 1918.
 John S. Beekwith, 74th Infantry, November 20, 1918.
 Francis A. Adams, 22d Engineers, November 20, 1918.
 Thomas F. Galligan, 5th Battalion Infantry, November 25, 1918.
 Charles P. Roberts, Medical Corps, December 2, 1918.
 Frank C. Skinner, Medical Corps, December 5, 1918.
 Harry C. Guess, 65th Infantry, December 5, 1918.

Honorably Discharged—(Continued)

Captains—Continued

Christopher W. Brown, Medical Corps, December 13, 1918.
 Harry J. Haon, 1st Infantry, December 23, 1918.
 Ralph H. Dunning, Medical Corps, December 30, 1918.
 Hubert McDonnell, 71st Infantry, December 30, 1918.
 Edward C. Gibbs, 8th Coast Defense Command, January 6, 1919.
 Sylvester A. Dineen, 69th Infantry, January 6, 1919.
 Edward P. Field, 12th Infantry, January 21 (as of November 6, 1918).
 Augustus L. Child, Medical Corps, January 22, 1919.
 Ralph R. Ryan, Medical Corps, 71st Infantry, February 3, 1919.
 Charles W. T. Barker, 2d Infantry, February 7, 1918.
 Augustus T. Rossanno, Medical Corps, 69th Infantry, February 13, 1919.
 J. Harold Clark, Medical Corps, 14th Infantry, February 14, 1919.
 Roy W. Lindsay, Squadron C, February 21, 1919.
 Neil H. Keller, 74th Infantry, March 1, 1919.
 Lawrence Angel, Inspector Gun Department, March 11, 1919.
 William C. Cole, 4th Infantry, March 14, 1919.
 Reginald Van Wert, 12th Infantry, March 14, 1919.
 Emil A. Becker, 74th Infantry, April 3, 1919.
 Francis C. Bowne, Field Artillery, National Guard Reserve, April 7, 1919.
 Raymond M. Reid, Field Artillery, National Guard Reserve, April 12, 1919.
 Joseph A. Britt, 1st Field Artillery, April 18, 1919.
 Elmer H. Miller, Quarter Master Corps, April 22, 1919.
 Huntington Norton, 12th Infantry, April 30, 1918.
 David Asch, Quartermaster Corps, May 22, 1919.
 Edward M. Richardson, 5th Battalion, May 23, 1919.
 Richard O. Kennedy, 2d Infantry, June 6, 1919.

Oscar F. Soule, 1st Cavalry, June 18, 1919.
 Walter E. Thompson, 47th Infantry, June 20, 1919.
 George Townsend, 47th Infantry, June 28, 1919.
 Robert S. Pollock, 7th Infantry, July 24, 1919.
 Bruce S. Lachlan, 14th Infantry, August 4, 1919.
 Harry F. Haynes, 1st Field Artillery, August 11, 1919.
 George L. Rohdenburg, Medical Corps, 1st Field Hospital, September 8, 1919.
 Frank M. Van Noubuys, 1st Cavalry, October 2, 1919.
 Hugo G. de Fritsch, 8th Coast Defense Command, October 24, 1919.
 William D. Wehrenberg, Defense Command, October 24, 1919.
 John W. Johnson, 4th Infantry, November 1, 1919.
 Samuel D. Larned, Medical Corps, 1st Cavalry, November 8, 1919.
 Edwin N. Appleton, 14th Infantry, November 13, 1919.
 Roy G. Pratt, 4th Infantry, November 15, 1919.
 John M. Nixon, 23d Infantry, November 20, 1919.
 Warren Kelly, 23d Infantry, December 4, 1919.
 Hiram E. Dewing, 12th Infantry, December 9, 1919.
 Frank M. Townley, Chaplain, 23d Infantry, December 9, 1919.
 Lyman J. Spaulding, Medical Corps, 8th Coast Defense Command, December 9, 1919.
 Arvid F. Zehren, 8th Coast Defense Command, December 9, 1919.
 Elsa W. Duke, 8th Coast Defense Command, December 15, 1919.
 Arthur S. Strang, 1st Infantry, December 17, 1919.
 Frank C. Kiel, Medical Corps, 1st Signal Corps, December 18, 1919.
 Paul R. Smith, 74th Infantry, December 20, 1919.
 Ray Armstrong, 10th Infantry, December 29, 1919.

First Lieutenants

Frank A. Perry, 74th Infantry, January 24, 1918.
 George S. Richards, Jr., Volunteer Corps, Artillery, January 24, 1918.
 Frank A. Bacon, 1st Signal Corps, February 5, 1918.
 Wilfred S. Bastine, Quartermaster Corps, National Guard, N. Y., February 6, 1918.
 Edward Lewis, 23d Infantry, February 191, 1918.
 Edgar Johnston, 10th Infantry, February 19, 1918.
 Percy G. Rouse, 1st Infantry, February 27, 1918.
 Joseph W. Davis, 13th Coast Artillery Corps, March 13, 1918.
 Walter R. Lee, Squadron C, March 14, 1918.
 Norris Orchard, Medical Corps, March 29, 1918.
 John L. Nicholans, Medical Corps, April 10, 1918.
 Hector M. MacBean, Jr., 74th Infantry, April 19, 1918.
 William W. Ransom, 10th Infantry, April 27, 1918.
 Norvin H. Green, Infantry, May 8, 1918.
 John T. Clisset, Jr., 14th Infantry, May 16, 1918.
 King Smith, 7th Infantry, May 20, 1918.

William B. Boulton, Jr., 71st Infantry, May 23, 1918.
 Charles A. Tracey, 74th Infantry, May 23, 1918.
 Jose P. Perez, 47th Infantry, May 27, 1918.
 Charles P. Rose, 3d Infantry, May 31, 1918.
 Edgar B. Parsons, 4th Infantry, May 31, 1918.
 Nelson Harding, 71st Infantry, May 31, 1918.
 William J. P. McCrystal, Reserve List, May 31, 1918.
 Joseph T. Stumpf, 47th Infantry, June 11, 1918.
 Maurice E. Serling, 71st Infantry, June 18, 1918.
 C. V. Vande Carr, 10th Infantry, June 21, 1918.
 John L. Clarke, 65th Infantry, June 25, 1918.
 Harold C. Townson, Adjutant General Department, June 28, 1918.
 Eugene Duffield, 47th Infantry, July 1, 1918.
 Francis B. Hart, Medical Corps, July 1, 1918.
 Walter E. C. Holst, 65th Infantry, July 8, 1918.
 Frank A. Hotekhiass, 1st Infantry, July 15, 1918.
 Russell Wiggins, 1st Infantry, July 18, 1918.
 Thomas B. Clark, Jr., Reserve List, July 23, 1918.
 Roderick H. Macgregor, 74th Infantry, July 27, 1918.

Honorably Discharged — (Continued)

First Lieutenants — Continued

John Patterson, 8th Coast Artillery Corps, July 29, 1918.
 Harry B. O'Brien, 6th Battalion, July 30, 1918.
 Eugene C. Murphy, Jr., Reserve List, July 31, 1918.
 Edgar B. Clerk, Troop B, July 17, 1918.
 Edward F. Murnane, 2d Infantry, August 2, 1918.
 Edgar V. Friend, Defense Command, August 7, 1918.
 John B. Rushmore, 10th Infantry, August 10, 1918.
 Roy Pier, 23d Infantry, August 15, 1918.
 Nicholas Stark, Defense Command, August 15, 1918.
 Frank B. Williams, 10th Infantry, August 20, 1918.
 Martin J. McHale, 22d Engineers, August 26, 1918.
 Clifford E. Bradish, 3d Infantry, August 30, 1918.
 Joseph Lampert, Defense Command, September 5, 1918.
 John F. Beiermerster, Medical Corps, September 6, 1918.
 William H. Schwinger, 65th Infantry, September 13, 1918.
 George E. Kent, 4th Infantry, September 26, 1918.
 Henry Giebel, 47th Infantry, September 26, 1918.
 Louis Dempsey, Quartermaster Corps, October 4, 1918.
 Granville Parker, 12th Infantry, October 4, 1918.
 J. Noble Braden, 71st Infantry, October 4, 1918.
 Dennis Caulfield, 47th Infantry, October 4, 1918.
 Stanley J. Quinn, 23d Infantry, October 4, 1918.
 John S. Burke, Inspector, Gun Department, October 11, 1918.
 Arthur Wynne, 12th Infantry, October 11, 1918.
 George W. Winans, 47th Infantry, October 11, 1918.
 Hardman P. A. Montgomery, Reserve List, October 19, 1918.
 Herbert A. Russell, 1st Field Artillery, October 22, 1918.
 George Roberts, 1st Field Artillery, October 22, 1918.
 Henry R. Barrows, 12th Infantry, October 22, 1918.
 James F. Keefe, 69th Infantry, October 22, 1918.
 William M. Crandal, 74th Infantry, October 22, 1918.
 Walter S. Goodale, Reserve List, October 22, 1918.
 Bradish Gaillard Johnson, 22d Engineers, November 1, 1918.
 John W. Hagenmiller, 22d Engineers, November 1, 1918.
 Stuart E. Hosler, 3d Infantry, November 1, 1918.
 Woodward Babcock, 12th Infantry, November 1, 1918.
 Cornelius Hoctor, 69th Infantry, November 1, 1918.
 Lyman M. Bass, 74th Infantry, November 1, 1918.
 Richard Van Nest Gambrill, Infantry, November 1, 1918.
 George W. Brechwaldt, 23d Infantry, November 1, 1918.
 Herman Goldberg, 8th Coast Artillery Corps, November 1, 1918.
 Chalmers Dale, 71st Infantry, November 6, 1918.
 William A. Hines, 22d Engineers, November 7, 1918.
 Arthur M. Hoag, 4th Infantry, November 8, 1918.
 Lester D. Stickle, 71st Infantry, November 12, 1918.
 Walter F. Kelsey, 65th Infantry, November 14, 1918.
 George H. Ostrander, 3d Infantry, November 18, 1918.
 Robert William Lillard, 71st Infantry, November 20, 1918.
 Thomas P. McNulty, Defense Command, November 20, 1918.
 Frank P. Roberts, Medical Corps, December 2, 1918.
 Alexander B. Trowbridge, Inspector, Gun Department, December 11, 1918.
 Horace Cleveland, 71st Infantry, December 12, 1918.
 David S. Longwell, 4th Infantry, December 20, 1918.
 Godfrey Nurse, 15th Infantry, December 23, 1918.
 Gurdon M. Maynard, Squadron A, December 30, 1918.
 Galbraith P. Champlin, 74th Infantry, November 8, 1918.
 Henry P. King, 9th Coast Defense Command, January 8, 1919.
 Leo J. Osburg, 1st Field Artillery, January 14, 1919.
 William F. Smith, 23d Infantry, January 15, 1919.
 William H. Kennedy, 74th Infantry, January 27, 1919.
 George H. Smith, 14th Infantry, February 6, 1919.
 Albert C. Gilbert, Squadron D, February 7, 1919.
 Charles H. Reynolds, 47th Infantry, February 14, 1919.
 John R. Greenleaf, 22d Engineers, February 19, 1919.
 William E. Brown, 13th Coast Defense Command, February 20, 1919.
 James E. McKeon, Jr., 8th Coast Defense Corps, February 27, 1919.
 Mitchell P. Talmage, 1st Field Artillery, March 3, 1919.
 Charles W. Brock, 8th Coast Defense Command, March 3, 1919.
 Antonio C. Gonzales, Jr., National Guard Reserve, March 3, 1919.
 Edward A. Munger, 1st Signal Corps, March 14, 1919.
 Robert L. Simpson, Squadron C, March 29, 1919.
 George W. Rehm, 71st Infantry, March 26, 1919.
 Paul Malone, Infantry, (National Guard Reserve), April 7, 1919.
 Paul R. Stillman, Dental Corps, 1st Field Artillery, April 8, 1919.
 Chauncey S. Cass, 12th Infantry, April 18, 1919.
 Julius C. Lorentzen, Jr., 1st Field Artillery, April 23, 1919.
 Charles J. York, 4th Infantry, April 23, 1919.
 Robert T. Givens, 15th Infantry, May 13, 1919.
 Lawrence E. Wilgus, 65th Field Artillery, May 17, 1919.
 George B. Waterhouse, 74th Infantry, May 17, 1919.
 Abner W. Cassidy, 23d Infantry, May 20, 1919.
 Harry G. Underwood, Infantry, (National Guard Reserve), May 26, 1919.
 John H. Travers, 47th Infantry, May 29, 1919.
 Frederick J. Davis, 4th Infantry, June 10, 1919.

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First Lieutenants—Continued

Henry W. Gillett, Defense Command, June 14, 1919.
 Clarence M. Bechtol, 4th Infantry, July 2, 1919.
 James P. Williams, 15th Infantry, July 11, 1919.
 Theodore Carter, 13th Coast Defense Command, July 22, 1919.
 Charles W. Woodford, 23d Infantry, July 23, 1918.
 Frank Sturken, 1st Field Artillery, July 24, 1919.
 Leodore Kallet, 47th Infantry, July 24, 1919.
 Stuart W. Smyth, 4th Infantry, September 4, 1919.
 Charles Freidgen, 1st Field Hospital, September 8, 1919.
 Patrick J. Bradley, 69th Infantry, September 12, 1919.
 Arnold C. Pouch, 12th Infantry, September 15, 1919.
 Edward J. Loughman, 69th Infantry, September 17, 1919.
 Harry K. Terhune, 23d Infantry, September 19, 1919.
 Ralph W. Earl, 8th Coast Defense Command, September 20, 1919.
 Stuyvesant Fish, Jr., 71st Infantry, September 30, 1919.
 Benedict W. Cheesman, 15th Infantry, October 22, 1919.
 Manuel J. Brasill, Defense Command, October 22, 1919.

DeWitt C. Dominick, Jr., 1st Infantry, October 24, 1919.
 Oscar F. Ehrlich, Jr., 2d Infantry, October 24, 1919.
 Otis D. Eaton, 4th Infantry, November 1, 1919.
 Ernest Gluck, Defense Command 1st Field Hospital, November 8, 1919.
 James L. Wells, Jr., Reserve List, November 10, 1919.
 Jonathan B. Chittenden, 23d Infantry, November 11, 1919.
 Harry W. Rosalsky, Defense Command 1st Field Hospital, November 13, 1919.
 William E. Lowther, 9th Coast Defense Command, November 13, 1919.
 William G. Barrows, 1st Cavalry, November 15, 1919.
 Charles L. Daly, 69th Infantry, November 21, 1919.
 Joseph H. Gandolfo, Reserve List, November 25, 1919.
 Frank W. Evers, 1st Cavalry, December 4, 1919.
 William A. Hines, Reserve List, December 10, 1919.
 Maximillian G. Kastner, December 17, 1919.
 Ira L. Addridge, 15th Infantry, December 26, 1919.
 Winfield W. F. Randolph, Reserve List, December 29, 1919.

Second Lieutenants

Philip O. Miller, Reserve List, January 11, 1918.
 Augustus T. McKinsky, 10th Infantry, January 15, 1918.
 Mortimer E. Fried, Reserve List, January 23, 1918.
 Jacob S. Stone, 8th Coast Artillery Corps, January 25, 1918.
 Frank McCue, Quartermaster Corps, National Guard, New York, January 25, 1918.
 Vincent VanRiper, Quartermaster Corps, National Guard, New York, January 25, 1918.
 Arnold Livingston, 71st Infantry, February 6, 1918.
 Louis M. B. Ellrodt, 8th Coast Artillery Corps, February 8, 1918.
 Alfred L. Curtis, 12th Infantry, February 19, 1918.
 William J. Russell, 14th Infantry, April 3, 1918.
 George W. Beckel, Reserve List, April 9, 1918.
 Le Roy M. Landon, 4th Infantry, April 18, 1918.
 Raymond A. Knowles, 74th Infantry, April 19, 1918.
 Howard F. Bond, 1st Field Artillery, April 27, 1918.
 William E. Flanagan, 1st Infantry, May 1, 1918.
 Frederick Post, 3d Field Artillery, May 10, 1918.
 Frederick S. Folts, 4th Infantry, May 14, 1918.
 A. Stuart Cooper, 74th Infantry, May 20, 1918.
 Joseph A. Juenken, 74th Infantry, May 20, 1918.
 Proal A. Paris, 2d Infantry, May 23, 1918.
 George H. Warnick, 47th Infantry, May 23, 1918.
 Roger H. Stonehouse, Quartermaster Corps, May 27, 1918.
 Charles E. Diets, 47th Infantry, May 27, 1918.
 William Armstrong, 7th Infantry, June 6, 1918.

Wilbur K. Hitchcock, Reserve List, June 8, 1918.
 Henry C. Foster, 1st Field Artillery, June 7, 1918.
 George A. Pink, Reserve List, June 13, 1918.
 Langdon Albright, 74th Infantry, June 19, 1918.
 Alfred J. Allott, 1st Field Artillery, June 19, 1918.
 Richard C. Kettles, Jr., 14th Infantry, June 21, 1918.
 Terence Newsome, 1st Infantry, June 21, 1918.
 Leslie A. Hughes, 14th Infantry, July 16, 1918.
 Frederick L. Stone, 3d Infantry, July 16, 1918.
 Harold W. Bonwit, 71st Infantry, July 17, 1918.
 Henry J. McLeer, Squadron C, July 18, 1918.
 Thomas V. Tully, Quartermaster Corps, National Guard, New York, July 23, 1918.
 Patrick R. Burns, Jr., 2d Infantry, July 30, 1918.
 Edwin J. Lawley, 47th Infantry, July 31, 1918.
 John B. Bland, 74th Infantry, August 2, 1918.
 Schuyler N. Dalton, 13th Coast Artillery Corps, August 6, 1918.
 C. Thomas Abel, 4th Infantry, August 6, 1918.
 George H. Sanborn, 3d Infantry, August 6, 1918.
 Daniel J. Hogan, 2d Infantry, August 13, 1918.
 Ernest L. Walthen, 8th Coast Artillery Corps, August 13, 1918.
 Richard P. Healy, 1st Field Artillery, August 13, 1918.
 Willard O. Tower, 74th Infantry, August 15, 1918.
 Andy C. Johnston, 4th Infantry, August 20, 1918.
 William S. Conlon, 4th Infantry, August 20, 1918.
 Frank I. Wordburn, 9th Coast Artillery Corps, August 20, 1918.
 James W. Deale, 6th Battalion, August 21, 1918.
 Calvin Truesdale, 1st Field Artillery, August 26, 1918.

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William B. Davidson, 22d Engineers, August 31, 1918.
 Charles G. Goets, 69th Infantry, September 5, 1918.
 Charles W. Hedges, 1st Infantry, October 4, 1918.
 Louis H. Guteman, 47th Infantry, October 4, 1918.
 Frederick D. Squires, 2d Infantry, October 11, 1918.
 Wilfred W. Mack, 9th Coast Artillery Corps, October 11, 1918.
 Stuyvesant Fish, Jr., 12th Infantry, October 11, 1918.
 Alfred D. Reuterhan, 71st Infantry, October 11, 1918.
 Friend E. Benson, 4th Infantry, October 22, 1918.
 Robert H. Robson, 7th Infantry, October 22, 1918.
 Adolphus N. Lockwood, 3d Infantry, November 23, 1918.
 Samuel Cowan Diabrow, 71st Infantry, November 12, 1918.
 Raymond Page, Reserve List, November 4, 1918.
 Frederick M. E. Schaefer, 22d Engineers, November 1, 1918.
 Harry Lydecker, Jr., 8th Coast Artillery Command, November 1, 1918.
 Horatio Burroughs Burnham, 3d Infantry, November 1, 1918.
 Frederick W. Greenhut, 47th Infantry, November 1, 1918.
 Frank A. Ainslee, 47th Infantry, December 5, 1918.
 William H. Campbell, 22d Engineers, December 12, 1918.
 Eugene Demme, 13th Coast Artillery Corps, December 18, 1918.
 Hans F. Hofer, 71st Infantry, December 30, 1918.
 John Zogg, 6th Battalion, January 3, 1919.
 Edwin W. Foster, 14th Infantry, January 6, 1919.
 Frederick W. Simons, Jr., 12th Infantry, January 18, 1919.
 Clarence C. Chapman, 12th Infantry, January 22, 1919.
 Thomas E. Casey, 71st Infantry, January 22, 1919.
 Herbert L. Keeler, 1st Field Artillery, January 22, 1919.
 John R. Brenner, 8th Coast Defense Command, February 3, 1919.
 William Grosser, 47th Infantry, February 3, 1919.
 Samuel E. Field, 8th Coast Defense Command, February 13, 1919.
 James Le Doux, 71st Infantry, February 19, 1919.
 Lloyd R. Johnson, 15th Infantry, February 19, 1919.
 Frederick I. Lackman, 12th Infantry, February 19, 1919.
 Edmund L. Judson, Jr., 9th Coast Defense Command, February 19, 1919.
 Edward M. Sedgwick, 1st Field Artillery, February 19, 1919.
 William L. Wisner, 14th Infantry, February 20, 1919.
 Gilbert W. Kellmer, 14th Infantry, February 21, 1919.
 Anthony L. K. Maloney, 69th Infantry, February 27, 1919.
 Frank S. Steenberge, 5th Battalion, March 4, 1919.
 Lloyd A. West, 8th Coast Artillery Corps, March 5, 1919.
 Courtlandt D. Moss, 23d Infantry, March 19, 1919.
 William W. Bates, 1st Infantry, March 19, 1919.
 Raymond Carter, 71st Infantry, March 19, 1919.
 Everitte, J. Cole, 14th Infantry, March 20, 1919.
 Stephen G. Stone, National Guard Reserve, March 31, 1919.
 William A. Hollingsworth, 71st Infantry, April 2, 1919.
 Henry A. Williams, 15th Infantry, April 2, 1919.
 Stephen V. Spaulding, 74th Infantry, April 3, 1919.
 Alfred W. Booraem, Cavalry (National Guard Reserve), April 12, 1919.
 Orland P. Metcalf, 12th Infantry, April 16, 1919.
 Stephen Jacoby, 1st Field Artillery, April 16, 1919.
 Charles Madison, 12th Infantry, April 18, 1919.
 Walter F. White, 15th Infantry, April 18, 1919.
 Robert M. Ferns, 8th Coast Defense Corps, April 23, 1919.
 William H. Innes, Infantry, (National Guard Reserve), April 28, 1919.
 Frank W. Durkee, 2d Infantry, April 30, 1919.
 Walter Neumiller, 9th Coast Defense Corps, April 30, 1919.
 Archibald B. Campbell, 8th Coast Defense Corps, May 3, 1919.
 Alfred M. Vaux, 23d Infantry, May 3, 1919.
 Albert L. George, 71st Infantry, May 3, 1919.
 George H. Field, 74th Infantry, May 3, 1919.
 Clyde C. Clark, 74th Infantry, May 3, 1919.
 Thomas E. Taylor, 15th Infantry, May 22, 1919.
 Victor Grimwood, Squadron A, May 23, 1919.
 Robert Vincent, 23d Infantry, June 9, 1919.
 J. Rosamond Johnson, 15th Infantry, June 9, 1919.
 Charles W. Rennie, 1st Cavalry, June 13, 1919.
 John A. Farrell, 47th Infantry, June 19, 1919.
 Sidney M. McDougall, 7th Infantry, June 20, 1919.
 Kirke R. Wilson, 65th Infantry, June 21, 1919.
 Frederic C. Shipman, 47th Infantry, June 28, 1919.
 Robert Sedgwick, 9th Coast Defense Corps, July 8, 1919.
 Rudolf A. Frederick, 8th Coast Defense Corps, August 25, 1919.
 Norman T. Simpson, 4th Infantry, August 29, 1919.
 Frederick W. Hoehler, Jr., 69th Infantry, September 12, 1919.
 John E. D. Meador, 7th Infantry, September 12, 1919.
 Harold Stern, 8th Coast Defense Corps, September 17, 1919.
 John A. Robertson, 8th Coast Defense Corps, September 19, 1919.
 Frank S. Huletto, 47th Infantry, September 19, 1919.
 William F. Dowling, 10th Infantry, September 30, 1919.
 Frank Durwin, 10th Infantry, October 4, 1919.
 Phillip P. Brown, 7th Infantry, October 21, 1919.
 William G. Davoren, 69th Infantry, November 8, 1919.
 Alfred F. Kelly, Reserve List, November 10, 1919.
 Edward L. McNicol, 9th Coast Defense Corps, November 11, 1919.
 Albert Gould, 14th Infantry, November 13, 1919.

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Herman S. Murray, 12th Infantry, November 21, 1919.
 Anthony S. Mowbray, 13th Coast Defense Corps, November 28, 1919.
 Fred M. Schilling, 1st Field Artillery, November 29, 1919.
 George F. Brady, 4th Infantry, December 9, 1919.

John V. Schenck, Reserve List, December 16, 1919.
 Francis H. Slater, 2d Infantry, December 24, 1919.
 Gustav A. Richter, 23d Infantry, December 29, 1919.

SPECIAL ORDER NO. 312, 1917, REVOKED

Resignation of First Lieutenant Edward P. Smaney, 1st Field Artillery.

DIED

First Lieutenant Otto E. Seerest, 10th Infantry, April 25, 1918.
 Captain Hedley H. Cooper, Chaplain 71st Infantry, May 26, 1918.
 Captain Knued W. Dahlgreen, 1st Infantry, October 6, 1918.
 Second Lieutenant Frank S. Leisenring, 22d Engineers, October 23, 1918.
 First Lieutenant Edward Straus, 12th Infantry, October 25, 1918.
 Lieutenant Colonel Frederick H. Ryan, 1st Field Artillery, October 26, 1919.
 First Lieutenant Jos. Kaufman, Medical Corps, October 28, 1918.
 First Lieutenant Edward Moore, 1st Infantry, October 28, 1918.
 First Lieutenant Harry J. Kerr, 10th Infantry, October 31, 1918.
 Captain Leo S. Petersen, Medical Corps, 1st Field Hospital, October 21, 1918.
 First Lieutenant Daniel N. Flack, 1st Infantry, November 27, 1918.
 Second Lieutenant Gomer Pritchard, Machine Gun Company, 4th Infantry, December 14, 1918.
 Second Lieutenant Cady H. Cross, 5th Battalion, December 25, 1918.

Captain Patrick J. Maguire, National Guard Reserve, December 9, 1918.
 Lieutenant Colonel Edward B. Bruch, 71st Infantry, May 12, 1918.
 Lieutenant Colonel Mighills R. Butler, Late Major 3d Infantry, National Guard, New York, January 11, 1919.
 First Lieutenant George J. Kern, 8th Coast Defense Corps, January 3, 1919.
 First Lieutenant John C. Donovan, Aide, 2d Brigade, February 3, 1919.
 First Lieutenant Frederick W. Burton, 2d Field Artillery, March 1, 1919.
 Second Lieutenant Meyer Rosenthal, 12th Infantry, April 2, 1919.
 Captain J. Prentice Kellogg, 71st Infantry, April 10, 1919.
 Major Alex Barnie, Retired, August 21, 1919.
 Major Walter F. Gilson, 74th Infantry, December 21, 1919.
 Lieutenant Colonel Floyd S. Crego, Retired, April 23, 1919.
 First Lieutenant Frederick J. Philcox, Retired, July 4, 1914.
 Major Eugene A. Smith, Retired, August 8, 1914.

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